

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018257.D
 Acq On : 14 May 2024 14:47
 Operator : SY/MD
 Sample : P2403-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: May 15 05:27:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:17:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	168767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79847	64.311	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.620%			
35) Dibromofluoromethane	7.716	113	89668	56.587	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.180%			
50) Toluene-d8	10.179	98	359423	57.560	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.120%			
62) 4-Bromofluorobenzene	12.483	95	108492	53.801	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	4721	3.527	ug/l	97
3) Chloromethane	2.113	50	7425	4.144	ug/l	92
4) Vinyl Chloride	2.247	62	8157	3.756	ug/l	100
5) Bromomethane	2.643	94	6686	4.433	ug/l	95
6) Chloroethane	2.784	64	5567	4.039	ug/l	96
7) Trichlorofluoromethane	3.119	101	8674	3.410	ug/l	90
8) Diethyl Ether	3.515	74	2865	3.421	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	5377	3.317	ug/l #	92
10) Methyl Iodide	4.082	142	5809	3.068	ug/l	96
11) Tert butyl alcohol	4.917	59	6183	49.822	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	5514	3.378	ug/l #	79
13) Acrolein	3.716	56	2145	16.028	ug/l #	74
14) Allyl chloride	4.472	41	7554	3.638	ug/l	99
15) Acrylonitrile	5.149	53	5896	18.308	ug/l #	92
16) Acetone	3.942	43	5914	23.869	ug/l	97
17) Carbon Disulfide	4.192	76	17051	3.837	ug/l	97
18) Methyl Acetate	4.466	43	2970	4.208	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	12915	3.552	ug/l	95
20) Methylene Chloride	4.710	84	18857	10.768	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	6421	3.711	ug/l #	80
22) Diisopropyl ether	6.112	45	15590	3.540	ug/l	97
23) Vinyl Acetate	6.051	43	45896	17.144	ug/l	98
24) 1,1-Dichloroethane	6.003	63	9541	3.517	ug/l #	84
25) 2-Butanone	6.978	43	7130	18.003	ug/l	90
26) 2,2-Dichloropropane	6.972	77	9391	3.825	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	7322	3.581	ug/l	96
28) Bromochloromethane	7.325	49	3383	3.120	ug/l #	97
29) Tetrahydrofuran	7.338	42	4815	18.418	ug/l	96
30) Chloroform	7.502	83	10062	3.553	ug/l	94
31) Cyclohexane	7.783	56	11494	4.463	ug/l #	69
32) 1,1,1-Trichloroethane	7.697	97	8271	3.258	ug/l	91
36) 1,1-Dichloropropene	7.911	75	7949	3.499	ug/l	98
37) Ethyl Acetate	7.069	43	3277m	3.427	ug/l	
38) Carbon Tetrachloride	7.899	117	7581	3.054	ug/l #	84
39) Methylcyclohexane	9.185	83	9611	2.933	ug/l	90
40) Benzene	8.155	78	23824	3.260	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018257.D
 Acq On : 14 May 2024 14:47
 Operator : SY/MD
 Sample : P2403-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: May 15 05:27:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:17:02 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	2007m	3.635	ug/l	
42) 1,2-Dichloroethane	8.234	62	5527	3.476	ug/l	89
43) Isopropyl Acetate	8.270	43	6858	3.499	ug/l	96
44) Trichloroethene	8.935	130	6435	3.235	ug/l	92
45) 1,2-Dichloropropane	9.215	63	5129	3.211	ug/l	94
46) Dibromomethane	9.301	93	2981	3.246	ug/l	98
47) Bromodichloromethane	9.496	83	7258	3.197	ug/l	87
48) Methyl methacrylate	9.289	41	3187	3.548	ug/l	86
49) 1,4-Dioxane	9.307	88	751	61.607	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	16079	16.324	ug/l	97
52) Toluene	10.246	92	15714	3.340	ug/l	92
53) t-1,3-Dichloropropene	10.465	75	6136	2.893	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	8022	3.095	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	3999	3.170	ug/l	92
56) Ethyl methacrylate	10.514	69	5166	3.015	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	6407	3.120	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.782	63	13908	16.999	ug/l	100
59) 2-Hexanone	10.831	43	10557	15.328	ug/l	90
60) Dibromochloromethane	10.983	129	4681	2.860	ug/l	99
61) 1,2-Dibromoethane	11.087	107	3637	3.061	ug/l	98
64) Tetrachloroethene	10.715	164	5337	3.123	ug/l	92
65) Chlorobenzene	11.514	112	16297	3.118	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	5037	2.979	ug/l	96
67) Ethyl Benzene	11.593	91	27571	3.124	ug/l	96
68) m/p-Xylenes	11.703	106	21692	6.215	ug/l	98
69) o-Xylene	12.026	106	10142	3.028	ug/l	98
70) Styrene	12.044	104	16158	2.889	ug/l	98
71) Bromoform	12.209	173	2487	2.658	ug/l #	89
73) Isopropylbenzene	12.331	105	25763	3.145	ug/l	98
74) N-amyl acetate	12.148	43	5325	3.132	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	3985	3.050	ug/l	92
76) 1,2,3-Trichloropropane	12.629	75	3360m	3.842	ug/l	
77) Bromobenzene	12.611	156	6090	3.237	ug/l	93
78) n-propylbenzene	12.672	91	30474	3.199	ug/l	99
79) 2-Chlorotoluene	12.757	91	17530	3.311	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	20125	3.116	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	1566m	3.450	ug/l	
82) 4-Chlorotoluene	12.855	91	17392	3.271	ug/l	94
83) tert-Butylbenzene	13.074	119	18737	3.145	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	20073	3.173	ug/l	99
85) sec-Butylbenzene	13.251	105	27305	3.125	ug/l	99
86) p-Isopropyltoluene	13.367	119	21675	3.015	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	11178	3.076	ug/l	95
88) 1,4-Dichlorobenzene	13.446	146	11434	3.228	ug/l	91
89) n-Butylbenzene	13.696	91	18769	2.885	ug/l	95
90) Hexachloroethane	13.958	117	3778	2.679	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	9615	3.078	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.361	75	506	2.844	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	4689	2.670	ug/l	98
94) Hexachlorobutadiene	15.111	225	2700	2.787	ug/l	96
95) Naphthalene	15.233	128	8450	2.626	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	4224	2.931	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
Data File : VY018257.D
Acq On : 14 May 2024 14:47
Operator : SY/MD
Sample : P2403-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Quant Time: May 15 05:27:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 15 05:17:02 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
Data File : VY018257.D
Acq On : 14 May 2024 14:47
Operator : SY/MD
Sample : P2403-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Quant Time: May 15 05:27:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 15 05:17:02 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024

