

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018182.D
 Acq On : 08 May 2024 11:43
 Operator : SY/MD
 Sample : VY0508SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/09/2024
 Supervised By :Semsettin Yesilyurt 05/09/2024

Quant Time: May 09 02:23:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	224625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	318538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99496	60.209	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	120.420%	
35) Dibromofluoromethane	7.710	113	118612	60.599	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	121.200%	
50) Toluene-d8	10.179	98	457916	59.369	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	118.740%	
62) 4-Bromofluorobenzene	12.483	95	145519	58.421	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	116.840%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35015	19.656	ug/l	94
3) Chloromethane	2.107	50	45864	19.234	ug/l	98
4) Vinyl Chloride	2.241	62	54261	18.771	ug/l	100
5) Bromomethane	2.638	94	38963	19.408	ug/l	98
6) Chloroethane	2.784	64	35395	19.294	ug/l	93
7) Trichlorofluoromethane	3.113	101	68195	20.141	ug/l	94
8) Diethyl Ether	3.515	74	23003	20.637	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	42512	19.701	ug/l	96
10) Methyl Iodide	4.076	142	47035	18.666	ug/l	97
11) Tert butyl alcohol	4.936	59	17475	113.871	ug/l #	97
12) 1,1-Dichloroethene	3.863	96	42406	19.521	ug/l	88
13) Acrolein	3.717	56	18579	112.556	ug/l	93
14) Allyl chloride	4.460	41	56196	20.335	ug/l	95
15) Acrylonitrile	5.155	53	45988	107.287	ug/l	99
16) Acetone	3.936	43	35135	106.543	ug/l #	85
17) Carbon Disulfide	4.180	76	102581	17.346	ug/l	99
18) Methyl Acetate	4.460	43	18898	20.118	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	97932	20.238	ug/l	95
20) Methylene Chloride	4.704	84	50059	21.476	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	43972	19.096	ug/l	94
22) Diisopropyl ether	6.106	45	121449	20.717	ug/l	96
23) Vinyl Acetate	6.045	43	363890	102.127	ug/l	99
24) 1,1-Dichloroethane	6.003	63	73727	20.419	ug/l	99
25) 2-Butanone	6.978	43	54371	103.144	ug/l	93
26) 2,2-Dichloropropane	6.972	77	64855	19.846	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	53792	19.767	ug/l	97
28) Bromochloromethane	7.326	49	32089	22.235	ug/l	96
29) Tetrahydrofuran	7.338	42	36545	105.027	ug/l	94
30) Chloroform	7.496	83	77207	20.482	ug/l	100
31) Cyclohexane	7.777	56	62934	18.206	ug/l #	91
32) 1,1,1-Trichloroethane	7.698	97	67026	19.839	ug/l	97
36) 1,1-Dichloropropene	7.911	75	55302	19.709	ug/l	98
37) Ethyl Acetate	7.064	43	25792	21.839	ug/l #	96
38) Carbon Tetrachloride	7.893	117	60498	19.732	ug/l	96
39) Methylcyclohexane	9.179	83	75151	18.565	ug/l	99
40) Benzene	8.155	78	177778	19.697	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018182.D
 Acq On : 08 May 2024 11:43
 Operator : SY/MD
 Sample : VY0508SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Quant Time: May 09 02:23:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/09/2024
 Supervised By :Semsettin Yesilyurt 05/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12835	18.820	ug/l	96
42) 1,2-Dichloroethane	8.228	62	39888	20.312	ug/l	98
43) Isopropyl Acetate	8.271	43	50882	21.019	ug/l	95
44) Trichloroethene	8.935	130	48237	19.632	ug/l	100
45) 1,2-Dichloropropane	9.210	63	41301	20.930	ug/l	98
46) Dibromomethane	9.301	93	22894	20.182	ug/l	95
47) Bromodichloromethane	9.490	83	57535	20.516	ug/l	96
48) Methyl methacrylate	9.289	41	22650	20.415	ug/l	94
49) 1,4-Dioxane	9.295	88	6033	400.662	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	126427	103.911	ug/l	97
52) Toluene	10.240	92	117222	20.174	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	53618	20.469	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	65630	20.497	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	32940	21.138	ug/l	97
56) Ethyl methacrylate	10.508	69	44376	20.967	ug/l #	90
57) 1,3-Dichloropropane	10.789	76	52283	20.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	109828	108.676	ug/l	96
59) 2-Hexanone	10.831	43	87082	102.363	ug/l	96
60) Dibromochloromethane	10.984	129	41453	20.503	ug/l	98
61) 1,2-Dibromoethane	11.087	107	29875	20.354	ug/l	96
64) Tetrachloroethene	10.715	164	40262	18.984	ug/l	95
65) Chlorobenzene	11.514	112	129778	20.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42209	20.114	ug/l	99
67) Ethyl Benzene	11.593	91	216265	19.743	ug/l	95
68) m/p-Xylenes	11.703	106	172450	39.811	ug/l	96
69) o-Xylene	12.026	106	82916	19.946	ug/l	96
70) Styrene	12.044	104	139483	20.092	ug/l	97
71) Bromoform	12.209	173	23119	19.911	ug/l #	98
73) Isopropylbenzene	12.331	105	214698	20.022	ug/l	99
74) N-amyl acetate	12.142	43	44357	19.927	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	34689	20.279	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	23395m	20.436	ug/l	
77) Bromobenzene	12.605	156	51093	20.741	ug/l	91
78) n-propylbenzene	12.672	91	247602	19.852	ug/l	97
79) 2-Chlorotoluene	12.758	91	135413	19.538	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	169031	19.991	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	12250	20.617	ug/l	97
82) 4-Chlorotoluene	12.855	91	140990	20.252	ug/l	98
83) tert-Butylbenzene	13.075	119	159683	20.474	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	166060	20.049	ug/l	98
85) sec-Butylbenzene	13.251	105	230215	20.123	ug/l	99
86) p-Isopropyltoluene	13.367	119	188061	19.983	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	96888	20.366	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	93339	20.126	ug/l	97
89) n-Butylbenzene	13.697	91	171089	20.087	ug/l	99
90) Hexachloroethane	13.959	117	36433	19.732	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	84122	20.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4671	20.054	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	47219	20.541	ug/l	98
94) Hexachlorobutadiene	15.111	225	24936	19.660	ug/l	98
95) Naphthalene	15.233	128	85110	20.205	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	38898	20.619	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
Data File : VY018182.D
Acq On : 08 May 2024 11:43
Operator : SY/MD
Sample : VY0508SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/09/2024
Supervised By :Semsettin Yesilyurt 05/09/2024

Quant Time: May 09 02:23:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

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

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

