

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018343.D
 Acq On : 22 May 2024 12:43
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 23 01:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:24:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	136270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	7098	5.498	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.000%#		
35) Dibromofluoromethane	7.704	113	7684	5.278	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.560%#		
50) Toluene-d8	10.173	98	29093	5.126	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.260%#		
62) 4-Bromofluorobenzene	12.477	95	9319	5.314	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6220	5.348	ug/l	94
3) Chloromethane	2.101	50	10389	5.496	ug/l	97
4) Vinyl Chloride	2.241	62	11036	5.219	ug/l	93
5) Bromomethane	2.644	94	8254	5.460	ug/l	91
6) Chloroethane	2.784	64	7157	5.214	ug/l	98
7) Trichlorofluoromethane	3.119	101	12181	5.133	ug/l	92
8) Diethyl Ether	3.522	74	3984	5.258	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	8095	5.530	ug/l	91
10) Methyl Iodide	4.076	142	7169	4.869	ug/l	95
11) Tert butyl alcohol	4.948	59	5719m	36.889	ug/l	
12) 1,1-Dichloroethene	3.863	96	7872	5.460	ug/l #	82
13) Acrolein	3.710	56	3762	21.536	ug/l	85
14) Allyl chloride	4.460	41	10954	5.440	ug/l	91
15) Acrylonitrile	5.155	53	8573	26.159	ug/l #	86
16) Acetone	3.936	43	7630	28.734	ug/l	89
17) Carbon Disulfide	4.174	76	18825	4.675	ug/l	98
18) Methyl Acetate	4.466	43	4025	5.719	ug/l #	70
19) Methyl tert-butyl Ether	5.210	73	18691	5.406	ug/l	95
20) Methylene Chloride	4.692	84	12262	3.520	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	7962	5.235	ug/l	90
22) Diisopropyl ether	6.100	45	23072	5.513	ug/l #	85
23) Vinyl Acetate	6.052	43	69659	25.997	ug/l	94
24) 1,1-Dichloroethane	6.003	63	13700	5.338	ug/l	99
25) 2-Butanone	6.984	43	11542	27.429	ug/l	89
26) 2,2-Dichloropropane	6.966	77	11786	5.313	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	9471	5.299	ug/l	96
28) Bromochloromethane	7.320	49	4482	5.142	ug/l #	89
29) Tetrahydrofuran	7.344	42	7693	27.776	ug/l	88
30) Chloroform	7.490	83	13967	5.339	ug/l	96
31) Cyclohexane	7.777	56	15646	4.606	ug/l #	90
32) 1,1,1-Trichloroethane	7.698	97	11697	5.095	ug/l	98
36) 1,1-Dichloropropene	7.911	75	10906	5.166	ug/l	95
37) Ethyl Acetate	7.064	43	4739	4.692	ug/l #	96
38) Carbon Tetrachloride	7.893	117	10561	4.884	ug/l	87
39) Methylcyclohexane	9.173	83	15423	5.237	ug/l	96
40) Benzene	8.149	78	31665	4.920	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018343.D
 Acq On : 22 May 2024 12:43
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 01:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:24:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	2270	4.065	ug/l #	84
42) 1,2-Dichloroethane	8.234	62	7719	4.986	ug/l	95
43) Isopropyl Acetate	8.271	43	10138	5.145	ug/l	94
44) Trichloroethene	8.935	130	7896	4.786	ug/l	92
45) 1,2-Dichloropropane	9.216	63	7392	5.107	ug/l #	88
46) Dibromomethane	9.301	93	4419	5.203	ug/l	92
47) Bromodichloromethane	9.496	83	10607	5.146	ug/l	89
48) Methyl methacrylate	9.289	41	4373	4.906	ug/l	91
49) 1,4-Dioxane	9.301	88	1090	98.908	ug/l #	78
51) 4-Methyl-2-Pentanone	10.063	43	25008	25.146	ug/l	96
52) Toluene	10.240	92	19915	4.936	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	9205	4.884	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	11296	4.892	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	5641	5.013	ug/l	89
56) Ethyl methacrylate	10.502	69	7299	4.729	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	9842	5.160	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	19169	27.485	ug/l	96
59) 2-Hexanone	10.831	43	16783	24.525	ug/l	92
60) Dibromochloromethane	10.984	129	6002	4.416	ug/l	92
61) 1,2-Dibromoethane	11.087	107	4946	4.764	ug/l	100
64) Tetrachloroethene	10.715	164	7305	4.853	ug/l	91
65) Chlorobenzene	11.514	112	22328	5.093	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	6289	4.535	ug/l	97
67) Ethyl Benzene	11.587	91	39363	5.113	ug/l	98
68) m/p-Xylenes	11.697	106	29716	10.032	ug/l	98
69) o-Xylene	12.026	106	13979	5.001	ug/l	100
70) Styrene	12.044	104	22127	4.788	ug/l	97
71) Bromoform	12.203	173	3176	4.330	ug/l #	98
73) Isopropylbenzene	12.331	105	36702	5.240	ug/l	97
74) N-amyl acetate	12.142	43	8281	5.068	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	6411	5.372	ug/l	95
76) 1,2,3-Trichloropropane	12.630	75	4315m	5.208	ug/l	
77) Bromobenzene	12.605	156	7748	5.051	ug/l	91
78) n-propylbenzene	12.666	91	45325	5.405	ug/l	100
79) 2-Chlorotoluene	12.752	91	24623	5.423	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	29155	5.297	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.367	75	2004	5.148	ug/l	92
82) 4-Chlorotoluene	12.849	91	25740	5.592	ug/l	97
83) tert-Butylbenzene	13.069	119	26168	5.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	28248	5.219	ug/l	100
85) sec-Butylbenzene	13.251	105	40225	5.346	ug/l	98
86) p-Isopropyltoluene	13.367	119	32139	5.222	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	15687	5.193	ug/l	95
88) 1,4-Dichlorobenzene	13.447	146	16007	5.324	ug/l	94
89) n-Butylbenzene	13.690	91	32506	5.620	ug/l	97
90) Hexachloroethane	13.959	117	5940	5.226	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	13289	5.070	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	841	5.138	ug/l	83
93) 1,2,4-Trichlorobenzene	15.001	180	7432	4.978	ug/l	95
94) Hexachlorobutadiene	15.105	225	3745	4.902	ug/l	97
95) Naphthalene	15.239	128	13540	4.612	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	6467	5.095	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
Data File : VY018343.D
Acq On : 22 May 2024 12:43
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 01:25:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:24:34 2024
Response via : Initial Calibration

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

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

