

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018350.D
 Acq On : 22 May 2024 16:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052224

Quant Time: May 23 01:42:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 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	7.776	168	148268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	219174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	74783	53.237	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.480%			
35) Dibromofluoromethane	7.703	113	81610	54.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.000%			
50) Toluene-d8	10.172	98	310958	53.260	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.520%			
62) 4-Bromofluorobenzene	12.477	95	94813	52.555	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	60444	47.763	ug/l	98
3) Chloromethane	2.107	50	101337	49.275	ug/l	100
4) Vinyl Chloride	2.241	62	124298	54.026	ug/l	98
5) Bromomethane	2.637	94	83234	50.601	ug/l	95
6) Chloroethane	2.777	64	78340	52.456	ug/l	100
7) Trichlorofluoromethane	3.106	101	131809	51.051	ug/l	97
8) Diethyl Ether	3.515	74	38528	46.733	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	77021	48.354	ug/l	94
10) Methyl Iodide	4.070	142	75592	47.189	ug/l	98
11) Tert butyl alcohol	4.935	59	33513	261.485	ug/l #	85
12) 1,1-Dichloroethene	3.850	96	75569	48.170	ug/l	93
13) Acrolein	3.710	56	29061	250.434	ug/l	99
14) Allyl chloride	4.454	41	109227	49.852	ug/l	96
15) Acrylonitrile	5.137	53	84916	238.136	ug/l	99
16) Acetone	3.930	43	78996	273.422	ug/l	87
17) Carbon Disulfide	4.173	76	228823	52.232	ug/l	97
18) Methyl Acetate	4.454	43	34003	44.403	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	179133	47.620	ug/l	100
20) Methylene Chloride	4.692	84	84039	50.574	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	82273	49.713	ug/l	98
22) Diisopropyl ether	6.100	45	223700	49.131	ug/l	96
23) Vinyl Acetate	6.045	43	723521	248.167	ug/l	97
24) 1,1-Dichloroethane	6.002	63	138414	49.570	ug/l	97
25) 2-Butanone	6.972	43	112919	246.632	ug/l	90
26) 2,2-Dichloropropane	6.966	77	121225	50.221	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	94795	48.745	ug/l	97
28) Bromochloromethane	7.319	49	48680	51.330	ug/l	90
29) Tetrahydrofuran	7.331	42	72274	239.830	ug/l	91
30) Chloroform	7.496	83	138016	48.493	ug/l	100
31) Cyclohexane	7.776	56	134051	54.405	ug/l	96
32) 1,1,1-Trichloroethane	7.685	97	123232	49.330	ug/l	97
36) 1,1-Dichloropropene	7.904	75	109422	50.385	ug/l	98
37) Ethyl Acetate	7.063	43	48779	46.953	ug/l	99
38) Carbon Tetrachloride	7.886	117	107243	48.213	ug/l	98
39) Methylcyclohexane	9.172	83	152757	50.422	ug/l	95
40) Benzene	8.148	78	327928	49.533	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018350.D
 Acq On : 22 May 2024 16:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052224

Quant Time: May 23 01:42:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 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)
41) Methacrylonitrile	7.301	41	29990m	57.831	ug/l	
42) 1,2-Dichloroethane	8.227	62	75230	47.240	ug/l	100
43) Isopropyl Acetate	8.264	43	96038	47.378	ug/l	94
44) Trichloroethene	8.929	130	82272	48.481	ug/l	97
45) 1,2-Dichloropropane	9.209	63	75377	50.622	ug/l	97
46) Dibromomethane	9.300	93	42654	48.818	ug/l	91
47) Bromodichloromethane	9.489	83	102214	48.204	ug/l	98
48) Methyl methacrylate	9.282	41	43498	47.440	ug/l	90
49) 1,4-Dioxane	9.288	88	11137	982.428	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	234285	229.015	ug/l	94
52) Toluene	10.239	92	199634	48.103	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	91641	47.271	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	118042	49.692	ug/l	96
55) 1,1,2-Trichloroethane	10.636	97	54232	46.851	ug/l	98
56) Ethyl methacrylate	10.501	69	73784	46.471	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	91907	46.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	166025	231.416	ug/l	99
59) 2-Hexanone	10.825	43	165795	235.528	ug/l	91
60) Dibromochloromethane	10.977	129	67957	48.605	ug/l	98
61) 1,2-Dibromoethane	11.081	107	50535	47.315	ug/l	99
64) Tetrachloroethene	10.715	164	74999	48.238	ug/l	97
65) Chlorobenzene	11.514	112	212807	47.003	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	70183	49.000	ug/l	96
67) Ethyl Benzene	11.587	91	380591	47.866	ug/l	97
68) m/p-Xylenes	11.696	106	291841	95.394	ug/l	100
69) o-Xylene	12.026	106	138958	48.130	ug/l	98
70) Styrene	12.038	104	234940	49.228	ug/l	99
71) Bromoform	12.202	173	36938	48.757	ug/l #	97
73) Isopropylbenzene	12.324	105	367604	47.487	ug/l	100
74) N-amyl acetate	12.141	43	80085	44.342	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	56771	43.040	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	35723m	40.356	ug/l	
77) Bromobenzene	12.605	156	79647	46.976	ug/l	98
78) n-propylbenzene	12.666	91	434851	46.915	ug/l	98
79) 2-Chlorotoluene	12.751	91	232340	46.300	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	286811	47.149	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19339	44.950	ug/l	98
82) 4-Chlorotoluene	12.849	91	236876	46.556	ug/l	98
83) tert-Butylbenzene	13.068	119	261532	46.511	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	282234	47.176	ug/l	98
85) sec-Butylbenzene	13.251	105	400634	48.175	ug/l	100
86) p-Isopropyltoluene	13.367	119	327320	48.119	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	159843	47.877	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	157871	47.510	ug/l	99
89) n-Butylbenzene	13.690	91	306980	48.022	ug/l	100
90) Hexachloroethane	13.958	117	59709	47.533	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	137216	47.365	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	8546	47.238	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	81771	49.554	ug/l	97
94) Hexachlorobutadiene	15.110	225	45180	53.502	ug/l	97
95) Naphthalene	15.232	128	154734	47.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	69435	49.493	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
Data File : VY018350.D
Acq On : 22 May 2024 16:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052224

Manual Integrations
APPROVED

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

Quant Time: May 23 01:42:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

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

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

