

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018384.D
 Acq On : 28 May 2024 16:49
 Operator : SY/MD
 Sample : P2612-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200057

Quant Time: May 29 01:21:16 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 05/29/2024
 Supervised By :Semsettin Yesilyurt 05/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	820m	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	559	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	530	68.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.440%	
35) Dibromofluoromethane	7.722	113	194	25.789	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 51.580%#	
50) Toluene-d8	10.173	98	1131	38.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.120%	
62) 4-Bromofluorobenzene	12.489	95	67	7.393	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 14.780%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.967	85	20	2.858	ug/l #	43
3) Chloromethane	2.101	50	135	11.869	ug/l #	32
4) Vinyl Chloride	2.241	62	19	1.493	ug/l #	42
5) Bromomethane	2.656	94	29	3.188	ug/l #	3
6) Chloroethane	2.765	64	50	6.054	ug/l #	42
7) Trichlorofluoromethane	2.875	101	47	3.291	ug/l #	50
8) Diethyl Ether	3.534	74	139	30.486	ug/l #	8
9) 1,1,2-Trichlorotrifluo...	3.820	101	18	2.043	ug/l #	19
10) Methyl Iodide	4.076	142	82	9.256	ug/l #	42
11) Tert butyl alcohol	4.978	59	22	Below Cal	#	1
12) 1,1-Dichloroethene	3.875	96	23	2.651	ug/l #	1
13) Acrolein	3.753	56	47	61.920	ug/l	93
14) Allyl chloride	4.466	41	57	4.704	ug/l #	58
15) Acrylonitrile	5.143	53	48	24.339	ug/l #	49
16) Acetone	3.930	43	123	76.978	ug/l #	36
18) Methyl Acetate	4.442	43	48	11.334	ug/l #	46
19) Methyl tert-butyl Ether	5.228	73	31	1.490	ug/l #	54
20) Methylene Chloride	4.680	84	106	7.397	ug/l #	12
21) trans-1,2-Dichloroethene	5.320	96	24	2.622	ug/l #	44
22) Diisopropyl ether	6.088	45	99	3.932	ug/l #	37
23) Vinyl Acetate	6.058	43	30	1.861	ug/l #	67
24) 1,1-Dichloroethane	6.039	63	35	2.266	ug/l #	80
25) 2-Butanone	6.960	43	52	20.536	ug/l #	41
26) 2,2-Dichloropropane	6.881	77	21	1.573	ug/l #	51
27) cis-1,2-Dichloroethene	6.954	96	47	4.370	ug/l #	20
28) Bromochloromethane	7.338	49	53	10.105	ug/l #	6
29) Tetrahydrofuran	7.362	42	43	25.800	ug/l #	4
30) Chloroform	7.643	83	27	1.715	ug/l #	17
31) Cyclohexane	7.758	56	27	Below Cal	#	11
32) 1,1,1-Trichloroethane	7.423	97	50	3.619	ug/l #	1
36) 1,1-Dichloropropene	7.996	75	21	1.925	ug/l #	1
37) Ethyl Acetate	7.076	43	126	24.143	ug/l #	67
38) Carbon Tetrachloride	7.978	117	23	2.058	ug/l #	13
40) Benzene	8.149	78	40	1.203	ug/l #	51
41) Methacrylonitrile	7.326	41	24	9.213	ug/l #	1
42) 1,2-Dichloroethane	8.246	62	20	2.500	ug/l #	71

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018384.D
 Acq On : 28 May 2024 16:49
 Operator : SY/MD
 Sample : P2612-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200057

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/29/2024
 Supervised By :Semsettin Yesilyurt 05/29/2024

Quant Time: May 29 01:21:16 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)
43) Isopropyl Acetate	8.277	43	88	8.642	ug/l #	85
45) 1,2-Dichloropropane	9.179	63	40	5.348	ug/l #	43
46) Dibromomethane	9.313	93	36	8.202	ug/l #	31
47) Bromodichloromethane	9.618	83	20	1.878	ug/l #	26
48) Methyl methacrylate	9.283	41	109	23.665	ug/l #	17
49) 1,4-Dioxane	9.435	88	51	895.581	ug/l #	20
51) 4-Methyl-2-Pentanone	10.032	43	19	3.697	ug/l #	31
52) Toluene	10.221	92	22	1.055	ug/l #	1
53) t-1,3-Dichloropropene	10.447	75	48	4.929	ug/l #	45
54) cis-1,3-Dichloropropene	9.886	75	28	2.346	ug/l #	40
55) 1,1,2-Trichloroethane	10.752	97	31	5.331	ug/l #	16
56) Ethyl methacrylate	10.569	69	55	6.896	ug/l #	75
57) 1,3-Dichloropropane	10.941	76	21	2.131	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.789	63	39	10.821	ug/l #	45
59) 2-Hexanone	10.837	43	107	30.259	ug/l #	54
60) Dibromochloromethane	10.971	129	79	11.248	ug/l #	10
61) 1,2-Dibromoethane	11.087	107	22	4.100	ug/l #	2
64) Tetrachloroethene	10.618	164	55	13.870	ug/l #	1
65) Chlorobenzene	11.496	112	108	9.353	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.550	131	37	10.128	ug/l #	40
68) m/p-Xylenes	11.770	106	48	6.152	ug/l #	1
69) o-Xylene	12.276	106	26	3.531	ug/l #	1
70) Styrene	12.093	104	22	1.807	ug/l #	27
73) Isopropylbenzene	12.111	105	19	2.178	ug/l #	48
74) N-amyl acetate	12.142	43	24	11.791	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.556	83	44	29.598	ug/l #	26
76) 1,2,3-Trichloropropane	12.678	75	39	39.092	ug/l #	100
78) n-propylbenzene	12.733	91	27	2.585	ug/l #	53
79) 2-Chlorotoluene	12.733	91	27	4.774	ug/l #	39
81) trans-1,4-Dichloro-2-b...	12.477	75	66	136.116	ug/l #	40
82) 4-Chlorotoluene	12.800	91	20	3.488	ug/l #	39
83) tert-Butylbenzene	12.983	119	42	6.627	ug/l #	28
86) p-Isopropyltoluene	13.501	119	20	2.609	ug/l #	51
87) 1,3-Dichlorobenzene	13.166	146	48	12.757	ug/l #	25
89) n-Butylbenzene	13.599	91	45	6.246	ug/l #	33
90) Hexachloroethane	14.032	117	25	17.659	ug/l #	12
91) 1,2-Dichlorobenzene	13.788	146	52	15.927	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.221	75	34	166.753	ug/l #	1
95) Naphthalene	15.221	128	59	16.133	ug/l #	69

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

