

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019238.D
 Acq On : 22 Aug 2024 23:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 23 02:01:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	129381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	204242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	201456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	71335	55.002	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.000%			
35) Dibromofluoromethane	7.628	113	70526	52.810	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.620%			
50) Toluene-d8	10.103	98	260224	54.147	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.300%			
62) 4-Bromofluorobenzene	12.408	95	96271	58.763	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 117.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	47433	49.969	ug/l	98
3) Chloromethane	2.068	50	75451	44.098	ug/l	100
4) Vinyl Chloride	2.202	62	84224	39.852	ug/l	97
5) Bromomethane	2.592	94	62196	47.956	ug/l	95
6) Chloroethane	2.732	64	54713	39.890	ug/l	100
7) Trichlorofluoromethane	3.049	101	131237	41.072	ug/l	93
8) Diethyl Ether	3.446	74	40716	59.035	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.805	101	72904	51.322	ug/l	97
10) Methyl Iodide	4.000	142	82101	58.965	ug/l	94
11) Tert butyl alcohol	4.842	59	35211	332.250	ug/l #	86
12) 1,1-Dichloroethene	3.781	96	71286	55.236	ug/l	92
13) Acrolein	3.641	56	20708	209.395	ug/l	99
14) Allyl chloride	4.372	41	107078	62.404	ug/l	94
15) Acrylonitrile	5.043	53	88936	315.146	ug/l	99
16) Acetone	3.854	43	66417	276.137	ug/l	87
17) Carbon Disulfide	4.098	76	201799	55.437	ug/l	98
18) Methyl Acetate	4.372	43	46134	62.496	ug/l	92
19) Methyl tert-butyl Ether	5.104	73	189442	60.546	ug/l	99
20) Methylene Chloride	4.610	84	88940	61.995	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	81138	56.273	ug/l	95
22) Diisopropyl ether	6.006	45	249455	63.506	ug/l #	91
23) Vinyl Acetate	5.951	43	978707	314.706	ug/l	97
24) 1,1-Dichloroethane	5.909	63	141491	58.900	ug/l	99
25) 2-Butanone	6.884	43	97363	251.354	ug/l	93
26) 2,2-Dichloropropane	6.878	77	93514	48.073	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	86361	50.896	ug/l	99
28) Bromochloromethane	7.238	49	53124	52.719	ug/l	97
29) Tetrahydrofuran	7.250	42	68173	273.786	ug/l	90
30) Chloroform	7.415	83	144496	53.982	ug/l	99
31) Cyclohexane	7.695	56	99100	53.738	ug/l	99
32) 1,1,1-Trichloroethane	7.610	97	126872	53.934	ug/l	98
36) 1,1-Dichloropropene	7.829	75	96019	52.360	ug/l	100
37) Ethyl Acetate	6.976	43	46304	56.992	ug/l	97
38) Carbon Tetrachloride	7.811	117	114103	53.690	ug/l	96
39) Methylcyclohexane	9.103	83	121676	51.704	ug/l	96
40) Benzene	8.073	78	329559	58.596	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	26491m	59.738	ug/l	
42) 1,2-Dichloroethane	8.152	62	81275	53.514	ug/l	96
43) Isopropyl Acetate	8.189	43	87885	53.486	ug/l #	82
44) Trichloroethene	8.859	130	82330	52.462	ug/l	95
45) 1,2-Dichloropropane	9.140	63	67962	54.235	ug/l	98
46) Dibromomethane	9.225	93	44562	54.829	ug/l	99
47) Bromodichloromethane	9.420	83	106368	53.344	ug/l	99
48) Methyl methacrylate	9.219	41	42878	58.554	ug/l	89
49) 1,4-Dioxane	9.213	88	10791	1096.049	ug/l #	94
51) 4-Methyl-2-Pentanone	9.993	43	242676	278.264	ug/l	95
52) Toluene	10.170	92	207850	56.300	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	103583	62.623	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	107171	53.875	ug/l #	93
55) 1,1,2-Trichloroethane	10.572	97	63895	61.069	ug/l	95
56) Ethyl methacrylate	10.438	69	87252	63.711	ug/l #	85
57) 1,3-Dichloropropane	10.719	76	106554	62.473	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	175771	270.549	ug/l	96
59) 2-Hexanone	10.761	43	186455	311.196	ug/l	93
60) Dibromochloromethane	10.914	129	86463	60.673	ug/l	99
61) 1,2-Dibromoethane	11.011	107	61103	60.422	ug/l	99
64) Tetrachloroethene	10.646	164	91792	52.128	ug/l	98
65) Chlorobenzene	11.444	112	245466	52.916	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	86753	53.180	ug/l	97
67) Ethyl Benzene	11.517	91	431864	53.639	ug/l	98
68) m/p-Xylenes	11.627	106	337534	105.654	ug/l	100
69) o-Xylene	11.956	106	158733	53.654	ug/l	100
70) Styrene	11.969	104	275713	54.651	ug/l	98
71) Bromoform	12.133	173	50097	53.722	ug/l #	97
73) Isopropylbenzene	12.255	105	414348	55.126	ug/l	100
74) N-amyl acetate	12.072	43	95637	58.351	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.511	83	70539	52.714	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	54548m	56.403	ug/l	
77) Bromobenzene	12.536	156	97631	54.086	ug/l	98
78) n-propylbenzene	12.597	91	489989	54.532	ug/l	99
79) 2-Chlorotoluene	12.682	91	275312	54.652	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	332670	54.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	21512	54.934	ug/l	89
82) 4-Chlorotoluene	12.779	91	281174	53.649	ug/l	98
83) tert-Butylbenzene	12.999	119	299150	52.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	333362	54.625	ug/l	100
85) sec-Butylbenzene	13.176	105	441250	53.547	ug/l	99
86) p-Isopropyltoluene	13.292	119	368075	54.380	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	190536	53.523	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	186694	52.758	ug/l	99
89) n-Butylbenzene	13.621	91	333376	54.023	ug/l	99
90) Hexachloroethane	13.883	117	73698	55.241	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	166778	53.267	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10374	52.699	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	93582	53.001	ug/l	98
94) Hexachlorobutadiene	15.029	225	50818	55.256	ug/l	98
95) Naphthalene	15.145	128	176575	56.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	79538	53.410	ug/l	98

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

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