

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018873.D
 Acq On : 19 Jul 2024 10:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 19 23:00:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2024
 Supervised By :Semsettin Yesilyurt 07/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	108216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51982	48.815	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.640%		
35) Dibromofluoromethane	7.716	113	51443	49.084	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.160%		
50) Toluene-d8	10.179	98	184869	46.558	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.120%		
62) 4-Bromofluorobenzene	12.483	95	63236	46.634	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	41001	45.216	ug/l	93
3) Chloromethane	2.107	50	58661	42.571	ug/l	97
4) Vinyl Chloride	2.247	62	72198	44.790	ug/l	100
5) Bromomethane	2.643	94	53376	48.139	ug/l	100
6) Chloroethane	2.790	64	49185	46.966	ug/l	99
7) Trichlorofluoromethane	3.113	101	96468	45.798	ug/l	91
8) Diethyl Ether	3.515	74	26831	52.262	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	50173	46.425	ug/l	94
10) Methyl Iodide	4.076	142	61125	52.523	ug/l	92
11) Tert butyl alcohol	4.936	59	19472	180.510	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	48164	46.068	ug/l	96
13) Acrolein	3.723	56	14364	166.201	ug/l	98
14) Allyl chloride	4.466	41	61551	47.521	ug/l	89
15) Acrylonitrile	5.149	53	53212	262.734	ug/l	99
16) Acetone	3.936	43	57972	295.292	ug/l	90
17) Carbon Disulfide	4.180	76	132066	45.112	ug/l	98
18) Methyl Acetate	4.466	43	27999	49.083	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	125261	51.647	ug/l	97
20) Methylene Chloride	4.704	84	54048	48.459	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	52637	47.702	ug/l	98
22) Diisopropyl ether	6.106	45	142060	50.421	ug/l	89
23) Vinyl Acetate	6.045	43	588619	265.181	ug/l	98
24) 1,1-Dichloroethane	6.003	63	87238	48.496	ug/l	98
25) 2-Butanone	6.972	43	74662	271.313	ug/l	99
26) 2,2-Dichloropropane	6.972	77	80763	48.387	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	63021	49.055	ug/l	99
28) Bromochloromethane	7.326	49	33447	46.293	ug/l	98
29) Tetrahydrofuran	7.338	42	44565	264.156	ug/l	93
30) Chloroform	7.502	83	100199	49.978	ug/l	99
31) Cyclohexane	7.777	56	70002	42.789	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	92247	49.481	ug/l	98
36) 1,1-Dichloropropene	7.911	75	68023	47.030	ug/l	100
37) Ethyl Acetate	7.063	43	31665	52.670	ug/l	99
38) Carbon Tetrachloride	7.893	117	84513	48.514	ug/l	99
39) Methylcyclohexane	9.179	83	87216	47.054	ug/l	96
40) Benzene	8.155	78	202943	48.368	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	16568m	48.337	ug/l	
42) 1,2-Dichloroethane	8.228	62	59358	50.529	ug/l	97
43) Isopropyl Acetate	8.264	43	61234	51.187	ug/l	93
44) Trichloroethene	8.935	130	59664	49.747	ug/l	99
45) 1,2-Dichloropropane	9.209	63	45296	49.576	ug/l	97
46) Dibromomethane	9.301	93	31021	52.380	ug/l	96
47) Bromodichloromethane	9.490	83	77330	52.268	ug/l	99
48) Methyl methacrylate	9.289	41	28130	51.734	ug/l	88
49) 1,4-Dioxane	9.289	88	6597	950.261	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	167670	274.523	ug/l	92
52) Toluene	10.240	92	136006	48.770	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	66384	51.968	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	77147	51.479	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	39456	52.611	ug/l	94
56) Ethyl methacrylate	10.508	69	52547	53.220	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	64786	52.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	139089	294.859	ug/l	95
59) 2-Hexanone	10.831	43	119086	278.700	ug/l	91
60) Dibromochloromethane	10.983	129	55452	53.814	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38213	52.412	ug/l	99
64) Tetrachloroethene	10.715	164	56788	48.187	ug/l	97
65) Chlorobenzene	11.514	112	155134	50.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54747	51.736	ug/l	98
67) Ethyl Benzene	11.593	91	262389	48.767	ug/l	98
68) m/p-Xylenes	11.703	106	204806	97.001	ug/l	97
69) o-Xylene	12.026	106	98201	49.471	ug/l	99
70) Styrene	12.044	104	168195	50.782	ug/l	96
71) Bromoform	12.209	173	33320	57.767	ug/l #	96
73) Isopropylbenzene	12.331	105	253631	46.995	ug/l	98
74) N-amyl acetate	12.142	43	56606	51.287	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	41734	49.053	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	31275m	54.150	ug/l	
77) Bromobenzene	12.611	156	62362	48.402	ug/l	95
78) n-propylbenzene	12.672	91	298496	46.575	ug/l	98
79) 2-Chlorotoluene	12.758	91	167558	46.496	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	206350	46.729	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13311	51.580	ug/l	87
82) 4-Chlorotoluene	12.855	91	175843	47.387	ug/l	97
83) tert-Butylbenzene	13.075	119	190066	46.621	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	206894	47.149	ug/l	100
85) sec-Butylbenzene	13.251	105	275360	47.585	ug/l	97
86) p-Isopropyltoluene	13.367	119	236787	47.398	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	120529	47.631	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	120957	48.228	ug/l	99
89) n-Butylbenzene	13.696	91	210090	46.387	ug/l	98
90) Hexachloroethane	13.965	117	43540	46.864	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	106856	48.885	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6397	46.401	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	63491	47.582	ug/l	98
94) Hexachlorobutadiene	15.111	225	36618	47.610	ug/l	99
95) Naphthalene	15.239	128	110325	48.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	52601	46.073	ug/l	98

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

