

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018225.D
 Acq On : 10 May 2024 11:37
 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: May 11 00:47:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/13/2024
 Supervised By :Semsettin Yesilyurt 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	219832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	352231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79488	49.151	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	98.300%	
35) Dibromofluoromethane	7.710	113	94274	50.928	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	101.860%	
50) Toluene-d8	10.179	98	364461	49.963	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	99.920%	
62) 4-Bromofluorobenzene	12.483	95	114296	48.518	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	97.040%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	77084	44.216	ug/l	98
3) Chloromethane	2.113	50	116625	49.974	ug/l	99
4) Vinyl Chloride	2.247	62	142687	50.438	ug/l	98
5) Bromomethane	2.644	94	95909	48.816	ug/l	99
6) Chloroethane	2.790	64	91067	50.723	ug/l	98
7) Trichlorofluoromethane	3.119	101	160967	48.577	ug/l	96
8) Diethyl Ether	3.521	74	49761	45.617	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	99839	47.276	ug/l	98
10) Methyl Iodide	4.082	142	114194	46.306	ug/l	100
11) Tert butyl alcohol	4.942	59	36434	256.636	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	99800	46.943	ug/l	92
13) Acrolein	3.723	56	28443	178.681	ug/l	98
14) Allyl chloride	4.473	41	130081	48.097	ug/l	98
15) Acrylonitrile	5.149	53	101204	241.251	ug/l	100
16) Acetone	3.936	43	93126	288.552	ug/l	95
17) Carbon Disulfide	4.186	76	277068	47.872	ug/l	99
18) Methyl Acetate	4.473	43	40623	44.187	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	219965	46.448	ug/l	100
20) Methylene Chloride	4.704	84	111544	48.898	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	106095	47.079	ug/l	92
22) Diisopropyl ether	6.112	45	269382	46.953	ug/l	97
23) Vinyl Acetate	6.051	43	847965	243.173	ug/l	98
24) 1,1-Dichloroethane	6.009	63	168323	47.634	ug/l	99
25) 2-Butanone	6.978	43	130606	253.166	ug/l	94
26) 2,2-Dichloropropane	6.978	77	152999	47.839	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	124242	46.651	ug/l	97
28) Bromochloromethane	7.326	49	72995	51.682	ug/l	96
29) Tetrahydrofuran	7.344	42	82522	242.331	ug/l	94
30) Chloroform	7.502	83	173932	47.149	ug/l	96
31) Cyclohexane	7.783	56	153915	48.874	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	158591	47.964	ug/l	99
36) 1,1-Dichloropropene	7.917	75	130093	49.023	ug/l	97
37) Ethyl Acetate	7.070	43	56929	50.969	ug/l #	97
38) Carbon Tetrachloride	7.899	117	144461	49.820	ug/l	100
39) Methylcyclohexane	9.179	83	189425	49.479	ug/l	99
40) Benzene	8.155	78	413814	48.478	ug/l	98

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41) Methacrylonitrile	7.301	41	29565	45.839	ug/l #	92
42) 1,2-Dichloroethane	8.228	62	93869	50.541	ug/l	98
43) Isopropyl Acetate	8.271	43	114056	49.819	ug/l	95
44) Trichloroethene	8.935	130	112460	48.396	ug/l	96
45) 1,2-Dichloropropane	9.216	63	89093	47.741	ug/l	98
46) Dibromomethane	9.301	93	51501	48.005	ug/l	98
47) Bromodichloromethane	9.496	83	128772	48.552	ug/l	98
48) Methyl methacrylate	9.289	41	50902	48.512	ug/l	93
49) 1,4-Dioxane	9.289	88	13585	953.960	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	294264	255.731	ug/l	95
52) Toluene	10.240	92	265007	48.224	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	119734	48.331	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	147769	48.796	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	71389	48.439	ug/l	98
56) Ethyl methacrylate	10.508	69	99366	49.643	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	116629	48.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	185307	193.882	ug/l	97
59) 2-Hexanone	10.831	43	213527	265.396	ug/l	94
60) Dibromochloromethane	10.984	129	91949	48.087	ug/l	99
61) 1,2-Dibromoethane	11.087	107	66265	47.736	ug/l	100
64) Tetrachloroethene	10.721	164	96205	47.936	ug/l	98
65) Chlorobenzene	11.514	112	291900	47.547	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	94320	47.497	ug/l	99
67) Ethyl Benzene	11.593	91	505266	48.745	ug/l	98
68) m/p-Xylenes	11.703	106	392677	95.796	ug/l	96
69) o-Xylene	12.032	106	187191	47.586	ug/l	95
70) Styrene	12.044	104	315789	48.070	ug/l	98
71) Bromoform	12.209	173	51699	47.053	ug/l #	99
73) Isopropylbenzene	12.331	105	486298	48.399	ug/l	97
74) N-ethyl acetate	12.142	43	106563	51.091	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	76368	47.646	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	55161m	51.424	ug/l	
77) Bromobenzene	12.611	156	110950	48.067	ug/l	92
78) n-propylbenzene	12.672	91	569897	48.764	ug/l	96
79) 2-Chlorotoluene	12.758	91	305875	47.099	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	382420	48.268	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	25968	46.642	ug/l	97
82) 4-Chlorotoluene	12.855	91	312997	47.981	ug/l	95
83) tert-Butylbenzene	13.075	119	360022	49.265	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	377025	48.580	ug/l	99
85) sec-Butylbenzene	13.251	105	528038	49.260	ug/l	98
86) p-Isopropyltoluene	13.367	119	433772	49.189	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	214631	48.148	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	208697	48.024	ug/l	98
89) n-Butylbenzene	13.696	91	399215	50.022	ug/l	98
90) Hexachloroethane	13.965	117	82930	47.936	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	190872	49.817	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10573	48.445	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	110720	51.402	ug/l	99
94) Hexachlorobutadiene	15.111	225	61325	51.601	ug/l	99
95) Naphthalene	15.239	128	204453	51.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	93143	52.692	ug/l	99

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

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