

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020662.D
 Acq On : 19 Dec 2024 17:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/20/2024
 Supervised By :Semsettin Yesilyurt 12/20/2024

Quant Time: Dec 20 00:58:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	308413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	528371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	462730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	215024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165446	48.981	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.960%		
35) Dibromofluoromethane	7.634	113	181222	48.666	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.340%		
50) Toluene-d8	10.109	98	674087	51.718	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.440%		
62) 4-Bromofluorobenzene	12.408	95	224262	43.986	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	87.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75261	19.537	ug/l	96
3) Chloromethane	2.068	50	57722	20.223	ug/l	98
4) Vinyl Chloride	2.208	62	53409	20.104	ug/l	97
5) Bromomethane	2.598	94	35632	20.866	ug/l	98
6) Chloroethane	2.739	64	32721	19.932	ug/l	99
7) Trichlorofluoromethane	3.062	101	106120	19.091	ug/l	100
8) Diethyl Ether	3.458	74	40479	20.764	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	82334	20.664	ug/l	99
10) Methyl Iodide	4.007	142	110838	24.986	ug/l	98
11) Tert butyl alcohol	4.866	59	23935	41.062	ug/l	98
12) 1,1-Dichloroethene	3.793	96	84608	21.885	ug/l	99
13) Acrolein	3.659	56	8888	55.648	ug/l	99
14) Allyl chloride	4.391	41	151793	22.407	ug/l	99
15) Acrylonitrile	5.061	53	81639	87.534	ug/l	98
16) Acetone	3.873	43	58873	83.445	ug/l	97
17) Carbon Disulfide	4.110	76	279766	22.232	ug/l	100
18) Methyl Acetate	4.385	43	44378	19.310	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	215375	21.584	ug/l	98
20) Methylene Chloride	4.616	84	97448	23.204	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	98887	22.803	ug/l	98
22) Diisopropyl ether	6.025	45	335366	24.389	ug/l	98
23) Vinyl Acetate	5.964	43	782554	100.483	ug/l	99
24) 1,1-Dichloroethane	5.915	63	193633	24.037	ug/l	100
25) 2-Butanone	6.896	43	102968	82.027	ug/l	95
26) 2,2-Dichloropropane	6.890	77	105366	13.836	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	117949	23.640	ug/l	95
28) Bromochloromethane	7.244	49	67567	24.867	ug/l	99
29) Tetrahydrofuran	7.262	42	69047	87.132	ug/l	99
30) Chloroform	7.427	83	196092	21.191	ug/l	98
31) Cyclohexane	7.707	56	151108	19.618	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	166740	22.530	ug/l	100
36) 1,1-Dichloropropene	7.835	75	130429	19.208	ug/l	99
37) Ethyl Acetate	6.988	43	49241	15.417	ug/l	99
38) Carbon Tetrachloride	7.817	117	147544	19.640	ug/l	98
39) Methylcyclohexane	9.109	83	155084	17.524	ug/l	99
40) Benzene	8.079	78	429196	21.564	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	24211	14.338	ug/l	93
42) 1,2-Dichloroethane	8.158	62	104508	19.798	ug/l	99
43) Isopropyl Acetate	8.195	43	104020	17.203	ug/l	98
44) Trichloroethene	8.866	130	99674	20.381	ug/l	98
45) 1,2-Dichloropropane	9.140	63	100644	21.636	ug/l	98
46) Dibromomethane	9.231	93	47401	19.282	ug/l	99
47) Bromodichloromethane	9.426	83	142143	21.405	ug/l	98
48) Methyl methacrylate	9.219	41	46742	16.260	ug/l	94
49) 1,4-Dioxane	9.231	88	8978	318.450	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	252688	79.170	ug/l	99
52) Toluene	10.170	92	261457	21.138	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	110607	17.875	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	141161	19.252	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	62521	19.236	ug/l	97
56) Ethyl methacrylate	10.438	69	86453	18.335	ug/l	99
57) 1,3-Dichloropropane	10.713	76	112565	19.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	171913	86.648	ug/l	99
59) 2-Hexanone	10.762	43	162442	79.270	ug/l	99
60) Dibromochloromethane	10.908	129	87357	20.097	ug/l	97
61) 1,2-Dibromoethane	11.012	107	56777	18.780	ug/l	99
64) Tetrachloroethene	10.646	164	84956	19.519	ug/l	97
65) Chlorobenzene	11.438	112	279078	21.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	98377	22.236	ug/l	99
67) Ethyl Benzene	11.518	91	505339	21.171	ug/l	100
68) m/p-Xylenes	11.627	106	372689	41.993	ug/l	100
69) o-Xylene	11.957	106	178843	21.597	ug/l	97
70) Styrene	11.969	104	304930	22.040	ug/l	99
71) Bromoform	12.133	173	46403	18.655	ug/l #	100
73) Isopropylbenzene	12.255	105	465228	24.793	ug/l	100
74) N-amyl acetate	12.072	43	91294	20.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	66021	21.676	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	46050m	20.616	ug/l	
77) Bromobenzene	12.530	156	104296	25.517	ug/l	97
78) n-propylbenzene	12.597	91	553504	24.484	ug/l	100
79) 2-Chlorotoluene	12.682	91	323466	25.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	382148	25.099	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	17473	16.420	ug/l	98
82) 4-Chlorotoluene	12.780	91	331880	25.151	ug/l	100
83) tert-Butylbenzene	12.999	119	340217	24.673	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	381099	25.518	ug/l	100
85) sec-Butylbenzene	13.176	105	476911	23.788	ug/l	100
86) p-Isopropyltoluene	13.292	119	401897	24.313	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	203420	25.211	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	197059	24.659	ug/l	99
89) n-Butylbenzene	13.621	91	364597	23.273	ug/l	99
90) Hexachloroethane	13.883	117	83352	25.445	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	176385	25.231	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9475	19.161	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	96481	22.816	ug/l	99
94) Hexachlorobutadiene	15.023	225	64124	23.197	ug/l	99
95) Naphthalene	15.145	128	148643	20.504	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	81895	22.922	ug/l	100

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

