

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019882.D
 Acq On : 14 Oct 2024 09:52
 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: Oct 15 01:31:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	286716	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	498763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	439404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	212252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	177343	50.234	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.460%			
35) Dibromofluoromethane	7.634	113	171150	52.001	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.000%			
50) Toluene-d8	10.109	98	617294	50.788	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.408	95	222721	50.714	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	117586	44.055	ug/l	99
3) Chloromethane	2.074	50	161404	46.462	ug/l	98
4) Vinyl Chloride	2.208	62	179097	46.850	ug/l	97
5) Bromomethane	2.598	94	113115	46.748	ug/l	98
6) Chloroethane	2.739	64	122901	47.856	ug/l	96
7) Trichlorofluoromethane	3.062	101	269795	47.430	ug/l	95
8) Diethyl Ether	3.458	74	83357	48.217	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	159552	48.223	ug/l	92
10) Methyl Iodide	4.007	142	150631	45.014	ug/l #	89
11) Tert butyl alcohol	4.860	59	62312	188.406	ug/l #	78
12) 1,1-Dichloroethene	3.793	96	141057	45.859	ug/l #	81
13) Acrolein	3.653	56	45312	174.675	ug/l	98
14) Allyl chloride	4.385	41	274895	49.532	ug/l #	90
15) Acrylonitrile	5.061	53	207731	262.708	ug/l	98
16) Acetone	3.867	43	256459	279.063	ug/l #	83
17) Carbon Disulfide	4.110	76	348101	42.222	ug/l	97
18) Methyl Acetate	4.385	43	103071	52.064	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	444483	50.299	ug/l	97
20) Methylene Chloride	4.616	84	169525	49.923	ug/l #	83
21) trans-1,2-Dichloroethene	5.116	96	160342	47.896	ug/l #	84
22) Diisopropyl ether	6.025	45	641657	53.080	ug/l #	95
23) Vinyl Acetate	5.964	43	1807560	260.826	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	342114	50.912	ug/l	97
25) 2-Butanone	6.896	43	328525	267.070	ug/l #	87
26) 2,2-Dichloropropane	6.890	77	287057	47.967	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	204415	49.410	ug/l	83
28) Bromochloromethane	7.250	49	158800	53.691	ug/l #	75
29) Tetrahydrofuran	7.262	42	182138	259.321	ug/l #	83
30) Chloroform	7.421	83	354342	51.729	ug/l	97
31) Cyclohexane	7.701	56	261425	44.319	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	298487	49.722	ug/l	95
36) 1,1-Dichloropropene	7.835	75	230543	48.620	ug/l	95
37) Ethyl Acetate	6.988	43	127995	51.767	ug/l #	94
38) Carbon Tetrachloride	7.817	117	250095	49.200	ug/l	99
39) Methylcyclohexane	9.109	83	275407	46.097	ug/l #	88
40) Benzene	8.079	78	720149	50.184	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	65789	49.163	ug/l	89
42) 1,2-Dichloroethane	8.158	62	210695	51.106	ug/l	94
43) Isopropyl Acetate	8.195	43	256037	50.777	ug/l #	78
44) Trichloroethene	8.866	130	170007	48.914	ug/l	94
45) 1,2-Dichloropropane	9.140	63	187549	52.216	ug/l	99
46) Dibromomethane	9.231	93	99766	50.839	ug/l	91
47) Bromodichloromethane	9.427	83	275950	52.977	ug/l	99
48) Methyl methacrylate	9.225	41	120995	54.550	ug/l #	81
49) 1,4-Dioxane	9.225	88	22292	1014.941	ug/l #	78
51) 4-Methyl-2-Pentanone	10.000	43	685766	266.632	ug/l	89
52) Toluene	10.170	92	458453	51.181	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	241369	51.501	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	281911	50.978	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	134101	51.867	ug/l	94
56) Ethyl methacrylate	10.439	69	194839	52.518	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	233818	51.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	446645	258.613	ug/l	93
59) 2-Hexanone	10.762	43	493842	268.835	ug/l	86
60) Dibromochloromethane	10.908	129	174678	52.637	ug/l	99
61) 1,2-Dibromoethane	11.012	107	119572	51.178	ug/l	99
64) Tetrachloroethene	10.646	164	143275	45.842	ug/l	95
65) Chlorobenzene	11.438	112	500303	49.780	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	168713	49.617	ug/l	100
67) Ethyl Benzene	11.518	91	899911	49.292	ug/l	99
68) m/p-Xylenes	11.627	106	666434	98.840	ug/l	92
69) o-Xylene	11.957	106	323996	50.013	ug/l	93
70) Styrene	11.969	104	555579	50.831	ug/l	96
71) Bromoform	12.133	173	90151	49.525	ug/l #	98
73) Isopropylbenzene	12.255	105	863456	48.364	ug/l	98
74) N-amyl acetate	12.066	43	234129	49.514	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	160419	50.569	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	113428m	27.279	ug/l	
77) Bromobenzene	12.530	156	180188	47.561	ug/l	84
78) n-propylbenzene	12.591	91	1064190	49.331	ug/l	98
79) 2-Chlorotoluene	12.676	91	610791	49.387	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	703927	48.823	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	51977	50.457	ug/l #	86
82) 4-Chlorotoluene	12.773	91	626239	49.522	ug/l	94
83) tert-Butylbenzene	12.999	119	645418	49.969	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	702078	49.114	ug/l	96
85) sec-Butylbenzene	13.176	105	949023	49.177	ug/l	97
86) p-Isopropyltoluene	13.292	119	761998	48.626	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	367776	48.070	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	367618	48.910	ug/l	96
89) n-Butylbenzene	13.615	91	760942	49.730	ug/l	98
90) Hexachloroethane	13.877	117	151654	49.700	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	326901	48.628	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23691	46.794	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	174377	46.260	ug/l	98
94) Hexachlorobutadiene	15.023	225	94530	45.107	ug/l	97
95) Naphthalene	15.145	128	333140	46.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	146223	45.889	ug/l	98

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

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