

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019350.D
 Acq On : 29 Aug 2024 00:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 03:36:16 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 :Romaben Patel 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	103573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	167178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53815	51.833	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.660%			
35) Dibromofluoromethane	7.622	113	54419	49.784	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.560%			
50) Toluene-d8	10.103	98	194035	49.326	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.660%			
62) 4-Bromofluorobenzene	12.408	95	54981	41.000	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 82.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	38335	50.448	ug/l	96
3) Chloromethane	2.062	50	67716	49.439	ug/l	95
4) Vinyl Chloride	2.196	62	81393	48.108	ug/l	98
5) Bromomethane	2.586	94	61411	60.714	ug/l	100
6) Chloroethane	2.726	64	52248	48.422	ug/l	99
7) Trichlorofluoromethane	3.043	101	115905	45.312	ug/l	94
8) Diethyl Ether	3.446	74	26945	48.803	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.805	101	56899	50.036	ug/l	96
10) Methyl Iodide	3.988	142	61521	55.195	ug/l	92
11) Tert butyl alcohol	4.854	59	17887	192.680	ug/l #	94
12) 1,1-Dichloroethene	3.775	96	54085	52.350	ug/l	93
13) Acrolein	3.641	56	8676	99.393	ug/l	91
14) Allyl chloride	4.366	41	78180	56.916	ug/l	90
15) Acrylonitrile	5.043	53	58544	259.143	ug/l	99
16) Acetone	3.860	43	44288	230.014	ug/l #	83
17) Carbon Disulfide	4.092	76	142878	49.031	ug/l	97
18) Methyl Acetate	4.372	43	36077	61.050	ug/l	95
19) Methyl tert-butyl Ether	5.098	73	135623	54.146	ug/l	97
20) Methylene Chloride	4.604	84	62398	52.743	ug/l	91
21) trans-1,2-Dichloroethene	5.098	96	61068	52.907	ug/l	97
22) Diisopropyl ether	6.006	45	185456	58.977	ug/l	92
23) Vinyl Acetate	5.945	43	660798	265.427	ug/l	96
24) 1,1-Dichloroethane	5.903	63	106748	55.510	ug/l	99
25) 2-Butanone	6.884	43	75134	242.300	ug/l	91
26) 2,2-Dichloropropane	6.872	77	81637	52.424	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	75199	55.361	ug/l	98
28) Bromochloromethane	7.238	49	44189	54.779	ug/l	92
29) Tetrahydrofuran	7.250	42	51724	259.486	ug/l	88
30) Chloroform	7.408	83	120281	56.132	ug/l	95
31) Cyclohexane	7.695	56	82184	55.838	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	110604	58.734	ug/l	97
36) 1,1-Dichloropropene	7.829	75	82272	54.810	ug/l	98
37) Ethyl Acetate	6.976	43	35375	53.193	ug/l	97
38) Carbon Tetrachloride	7.811	117	99162	57.005	ug/l	96
39) Methylcyclohexane	9.103	83	99021	51.406	ug/l	95
40) Benzene	8.073	78	252691	54.890	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	21283m	58.634	ug/l	
42) 1,2-Dichloroethane	8.152	62	69150	55.624	ug/l	96
43) Isopropyl Acetate	8.189	43	68790	51.147	ug/l #	79
44) Trichloroethene	8.859	130	68202	53.095	ug/l	97
45) 1,2-Dichloropropane	9.134	63	55535	54.144	ug/l	95
46) Dibromomethane	9.231	93	33488	50.338	ug/l	99
47) Bromodichloromethane	9.420	83	90233	55.285	ug/l	98
48) Methyl methacrylate	9.219	41	33558	55.986	ug/l	83
49) 1,4-Dioxane	9.225	88	7548	936.626	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	192293	269.376	ug/l	91
52) Toluene	10.170	92	170732	56.498	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	73459	54.257	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	86743	53.273	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	44379	51.820	ug/l	96
56) Ethyl methacrylate	10.438	69	59705	53.262	ug/l #	80
57) 1,3-Dichloropropane	10.713	76	75086	53.783	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	134010	252.001	ug/l	97
59) 2-Hexanone	10.761	43	131690	268.522	ug/l	89
60) Dibromochloromethane	10.908	129	61452	52.683	ug/l	97
61) 1,2-Dibromoethane	11.011	107	42847	51.763	ug/l	99
64) Tetrachloroethene	10.646	164	77234	61.807	ug/l	97
65) Chlorobenzene	11.444	112	182393	55.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	65881	56.909	ug/l	98
67) Ethyl Benzene	11.517	91	329320	57.638	ug/l	98
68) m/p-Xylenes	11.627	106	264785	116.794	ug/l	99
69) o-Xylene	11.956	106	120921	57.596	ug/l	99
70) Styrene	11.969	104	209466	58.507	ug/l	98
71) Bromoform	12.133	173	27993	42.301	ug/l #	99
73) Isopropylbenzene	12.255	105	263234	63.783	ug/l	97
74) N-amyl acetate	12.072	43	51315	57.021	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	41792	56.880	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	28514m	53.697	ug/l	
77) Bromobenzene	12.529	156	59624	60.157	ug/l	95
78) n-propylbenzene	12.597	91	308469	62.524	ug/l	99
79) 2-Chlorotoluene	12.682	91	168959	61.085	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	209235	62.233	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11068	51.475	ug/l #	86
82) 4-Chlorotoluene	12.779	91	156413	54.354	ug/l	97
83) tert-Butylbenzene	12.999	119	171556	55.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	193541	57.759	ug/l	100
85) sec-Butylbenzene	13.176	105	263268	58.186	ug/l	99
86) p-Isopropyltoluene	13.291	119	218285	58.735	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	110743	56.656	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	107466	55.309	ug/l	99
89) n-Butylbenzene	13.615	91	208551	61.550	ug/l	98
90) Hexachloroethane	13.877	117	57191	78.074	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	127933	74.417	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7521	69.583	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	68203	70.350	ug/l	98
94) Hexachlorobutadiene	15.023	225	38876	76.986	ug/l	98
95) Naphthalene	15.145	128	120568	69.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	58811	71.924	ug/l	99

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

