

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019069.D
 Acq On : 14 Aug 2024 19:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 21:50:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	43354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.603	114	65614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	59225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	32132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	21024	55.233	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.460%			
35) Dibromofluoromethane	7.622	113	23195	55.349	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.700%			
50) Toluene-d8	10.103	98	84210	52.315	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.640%			
62) 4-Bromofluorobenzene	12.401	95	24571	51.452	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	12540	42.081	ug/l	92
3) Chloromethane	2.068	50	38423	55.094	ug/l	96
4) Vinyl Chloride	2.196	62	51870	51.941	ug/l	96
5) Bromomethane	2.586	94	44037	55.269	ug/l	100
6) Chloroethane	2.726	64	36307	54.065	ug/l	97
7) Trichlorofluoromethane	3.043	101	77993	58.599	ug/l	100
8) Diethyl Ether	3.446	74	9764	47.590	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.805	101	19379	46.605	ug/l #	87
10) Methyl Iodide	3.988	142	22228	49.506	ug/l	96
11) Tert butyl alcohol	4.836	59	8065m	243.426	ug/l	
12) 1,1-Dichloroethene	3.775	96	19275	49.067	ug/l	88
13) Acrolein	3.641	56	6634	164.215	ug/l	95
14) Allyl chloride	4.372	41	24636	46.891	ug/l #	82
15) Acrylonitrile	5.043	53	21374	265.739	ug/l	99
16) Acetone	3.854	43	16669	179.464	ug/l	92
17) Carbon Disulfide	4.092	76	53186	45.546	ug/l	99
18) Methyl Acetate	4.366	43	11780	55.681	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	47802	49.473	ug/l	92
20) Methylene Chloride	4.592	84	23747	55.080	ug/l	90
21) trans-1,2-Dichloroethene	5.098	96	22030	50.685	ug/l	94
22) Diisopropyl ether	6.006	45	59135	51.632	ug/l #	88
23) Vinyl Acetate	5.945	43	253043	256.001	ug/l	98
24) 1,1-Dichloroethane	5.903	63	35499	50.523	ug/l	96
25) 2-Butanone	6.884	43	29579	240.001	ug/l	92
26) 2,2-Dichloropropane	6.872	77	25830	39.059	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	26766	51.469	ug/l	97
28) Bromochloromethane	7.232	49	19361	59.853	ug/l	90
29) Tetrahydrofuran	7.244	42	19190	264.063	ug/l	94
30) Chloroform	7.402	83	39153	52.092	ug/l	97
31) Cyclohexane	7.683	56	27583	46.040	ug/l	93
32) 1,1,1-Trichloroethane	7.603	97	35056	51.599	ug/l	95
36) 1,1-Dichloropropene	7.823	75	27207	48.365	ug/l	97
37) Ethyl Acetate	6.963	43	14181	55.153	ug/l #	91
38) Carbon Tetrachloride	7.805	117	31836	49.359	ug/l	97
39) Methylcyclohexane	9.097	83	34664	45.779	ug/l	98
40) Benzene	8.061	78	85641	51.203	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	6906	60.312	ug/l #	66
42) 1,2-Dichloroethane	8.146	62	22814	54.791	ug/l	98
43) Isopropyl Acetate	8.189	43	27314	52.235	ug/l #	79
44) Trichloroethene	8.853	130	23924	50.181	ug/l	100
45) 1,2-Dichloropropane	9.134	63	19776	52.841	ug/l	90
46) Dibromomethane	9.219	93	13841	57.237	ug/l	99
47) Bromodichloromethane	9.414	83	30292	53.530	ug/l	91
48) Methyl methacrylate	9.213	41	11695	51.196	ug/l #	79
49) 1,4-Dioxane	9.213	88	3366	1178.178	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	79505	294.812	ug/l #	85
52) Toluene	10.164	92	59882	53.898	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	25382	50.297	ug/l	93
54) cis-1,3-Dichloropropene	9.847	75	30219	50.412	ug/l #	78
55) 1,1,2-Trichloroethane	10.566	97	16322	54.962	ug/l	93
56) Ethyl methacrylate	10.438	69	20195	50.225	ug/l #	70
57) 1,3-Dichloropropane	10.713	76	26708	54.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.701	63	57551	277.633	ug/l	96
59) 2-Hexanone	10.755	43	51078	264.036	ug/l	84
60) Dibromochloromethane	10.908	129	23720	59.577	ug/l	98
61) 1,2-Dibromoethane	11.011	107	15913	55.495	ug/l	98
64) Tetrachloroethene	10.646	164	27997	56.392	ug/l	96
65) Chlorobenzene	11.438	112	67196	51.675	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	23799	52.325	ug/l	98
67) Ethyl Benzene	11.517	91	112073	49.780	ug/l	93
68) m/p-Xylenes	11.627	106	92923	100.655	ug/l	92
69) o-Xylene	11.956	106	43867	51.485	ug/l	91
70) Styrene	11.969	104	73193	52.154	ug/l	99
71) Bromoform	12.127	173	13341	56.405	ug/l #	98
73) Isopropylbenzene	12.255	105	106886	45.827	ug/l	97
74) N-amyl acetate	12.072	43	26035	48.373	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.505	83	18666	49.591	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	10094m	42.168	ug/l	
77) Bromobenzene	12.529	156	26378	48.548	ug/l	89
78) n-propylbenzene	12.596	91	123773	44.836	ug/l	95
79) 2-Chlorotoluene	12.676	91	67109	46.957	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	84533	46.249	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	5233	45.046	ug/l	92
82) 4-Chlorotoluene	12.773	91	68777	47.005	ug/l	91
83) tert-Butylbenzene	12.999	119	80751	46.773	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	86566	46.687	ug/l	98
85) sec-Butylbenzene	13.176	105	114415	45.753	ug/l	97
86) p-Isopropyltoluene	13.291	119	102277	47.232	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	55748	50.228	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	53237	49.184	ug/l	97
89) n-Butylbenzene	13.621	91	86275	45.391	ug/l	96
90) Hexachloroethane	13.883	117	20128	49.262	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	46258	50.691	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2377	45.909	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	26409	52.558	ug/l	97
94) Hexachlorobutadiene	15.023	225	13496	48.974	ug/l	98
95) Naphthalene	15.145	128	45381	50.732	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	22764	52.781	ug/l	97

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

