

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019075.D
 Acq On : 15 Aug 2024 19:26
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 16 04:59:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	138101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	217485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	186224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	97332	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.049	65	131744	95.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.340%#	
35) Dibromofluoromethane	7.622	113	139009	97.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 195.500%#	
50) Toluene-d8	10.097	98	501217	97.943	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 195.880%#	
62) 4-Bromofluorobenzene	12.402	95	168343	96.498	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 193.000%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	95861	94.610	ug/l	94
3) Chloromethane	2.062	50	165043	90.370	ug/l	97
4) Vinyl Chloride	2.196	62	201862	89.482	ug/l	99
5) Bromomethane	2.580	94	136164	105.407	ug/l	99
6) Chloroethane	2.720	64	130307	101.290	ug/l	98
7) Trichlorofluoromethane	3.043	101	315533	92.514	ug/l	97
8) Diethyl Ether	3.446	74	68873	93.554	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.799	101	139142	91.767	ug/l	98
10) Methyl Iodide	3.988	142	159310	107.193	ug/l	94
11) Tert butyl alcohol	4.842	59	53290	491.855	ug/l #	80
12) 1,1-Dichloroethene	3.775	96	130899	95.022	ug/l	98
13) Acrolein	3.641	56	51107	512.223	ug/l	99
14) Allyl chloride	4.366	41	179178	97.830	ug/l	92
15) Acrylonitrile	5.031	53	147055	488.188	ug/l	99
16) Acetone	3.854	43	120062	467.654	ug/l	91
17) Carbon Disulfide	4.092	76	375065	96.530	ug/l	99
18) Methyl Acetate	4.366	43	75283	95.544	ug/l	95
19) Methyl tert-butyl Ether	5.098	73	334593	100.185	ug/l	99
20) Methylene Chloride	4.598	84	147802	103.679	ug/l	93
21) trans-1,2-Dichloroethene	5.098	96	149981	97.452	ug/l	97
22) Diisopropyl ether	6.006	45	411609	98.170	ug/l	95
23) Vinyl Acetate	5.945	43	1699539	511.986	ug/l	98
24) 1,1-Dichloroethane	5.897	63	244557	95.377	ug/l	99
25) 2-Butanone	6.872	43	198442	479.954	ug/l	95
26) 2,2-Dichloropropane	6.872	77	201225	96.912	ug/l	100
27) cis-1,2-Dichloroethene	6.872	96	176585	97.497	ug/l	99
28) Bromochloromethane	7.226	49	100843	93.756	ug/l	100
29) Tetrahydrofuran	7.238	42	129393	486.837	ug/l	94
30) Chloroform	7.402	83	275844	96.545	ug/l	100
31) Cyclohexane	7.689	56	199014	105.228	ug/l	98
32) 1,1,1-Trichloroethane	7.604	97	250033	99.578	ug/l	98
36) 1,1-Dichloropropene	7.823	75	190254	97.430	ug/l	99
37) Ethyl Acetate	6.963	43	90918	105.089	ug/l	97
38) Carbon Tetrachloride	7.805	117	228772	101.092	ug/l	99
39) Methylcyclohexane	9.097	83	249269	99.473	ug/l	97
40) Benzene	8.067	78	585143	97.705	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	43811	97.936	ug/l	97
42) 1,2-Dichloroethane	8.146	62	159836	98.832	ug/l	97
43) Isopropyl Acetate	8.183	43	177549	101.475	ug/l #	82
44) Trichloroethene	8.853	130	161783	96.814	ug/l	97
45) 1,2-Dichloropropane	9.134	63	128556	96.344	ug/l	96
46) Dibromomethane	9.219	93	86420	99.856	ug/l	98
47) Bromodichloromethane	9.414	83	211709	99.708	ug/l	98
48) Methyl methacrylate	9.213	41	83008	106.452	ug/l #	86
49) 1,4-Dioxane	9.213	88	21365	2037.919	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	477113	513.768	ug/l	94
52) Toluene	10.164	92	393934	100.206	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	187770	106.607	ug/l	99
54) cis-1,3-Dichloropropene	9.847	75	216850	102.373	ug/l #	90
55) 1,1,2-Trichloroethane	10.567	97	112913	101.347	ug/l	95
56) Ethyl methacrylate	10.432	69	156451	107.284	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	180414	99.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.701	63	362698	524.275	ug/l	96
59) 2-Hexanone	10.756	43	332380	520.968	ug/l	93
60) Dibromochloromethane	10.908	129	156015	102.814	ug/l	99
61) 1,2-Dibromoethane	11.012	107	109497	101.684	ug/l	98
64) Tetrachloroethene	10.640	164	162117	99.596	ug/l	96
65) Chlorobenzene	11.438	112	427660	99.733	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	151755	100.636	ug/l	98
67) Ethyl Benzene	11.518	91	743834	99.943	ug/l	96
68) m/p-Xylenes	11.627	106	593903	201.108	ug/l	99
69) o-Xylene	11.950	106	278586	101.869	ug/l	100
70) Styrene	11.969	104	494829	106.106	ug/l	98
71) Bromoform	12.127	173	91352	105.975	ug/l #	97
73) Isopropylbenzene	12.255	105	732225	98.153	ug/l	99
74) N-amyl acetate	12.066	43	161654	99.375	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	121783	91.697	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	82804m	89.569	ug/l	
77) Bromobenzene	12.530	156	174150	97.204	ug/l	95
78) n-propylbenzene	12.591	91	870578	97.620	ug/l	99
79) 2-Chlorotoluene	12.676	91	488757	97.756	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	607856	100.020	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	38596	99.304	ug/l	89
82) 4-Chlorotoluene	12.773	91	519527	99.876	ug/l	99
83) tert-Butylbenzene	12.999	119	575111	102.473	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	619185	102.226	ug/l	100
85) sec-Butylbenzene	13.176	105	832954	101.845	ug/l	99
86) p-Isopropyltoluene	13.292	119	701773	104.464	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	360663	102.077	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	338741	96.447	ug/l	99
89) n-Butylbenzene	13.615	91	613221	100.122	ug/l	99
90) Hexachloroethane	13.877	117	134668	101.704	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	301659	97.075	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19888	101.793	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	183172	104.524	ug/l	98
94) Hexachlorobutadiene	15.023	225	94484	103.511	ug/l	98
95) Naphthalene	15.145	128	353032	112.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	158794	107.435	ug/l	99

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

