

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019073.D
 Acq On : 15 Aug 2024 18:37
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 04:57:38 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

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	123470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	199617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	172380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	85159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	25761	20.814	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	41.620%#		
35) Dibromofluoromethane	7.616	113	26361	20.197	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.400%#		
50) Toluene-d8	10.103	98	95533	20.339	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.680%#		
62) 4-Bromofluorobenzene	12.401	95	31705	19.801	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	39.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20127	22.218	ug/l	98
3) Chloromethane	2.062	50	33074	20.256	ug/l	93
4) Vinyl Chloride	2.196	62	41534	20.593	ug/l	98
5) Bromomethane	2.574	94	28003	19.084	ug/l	96
6) Chloroethane	2.720	64	25991	18.990	ug/l	99
7) Trichlorofluoromethane	3.043	101	63635	20.869	ug/l	92
8) Diethyl Ether	3.446	74	13284	20.183	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.799	101	26987	19.908	ug/l	95
10) Methyl Iodide	3.988	142	26721	20.110	ug/l	94
11) Tert butyl alcohol	4.842	59	14706	117.467	ug/l	99
12) 1,1-Dichloroethene	3.769	96	23992	19.480	ug/l	93
13) Acrolein	3.635	56	11556	113.563	ug/l	97
14) Allyl chloride	4.366	41	31310	19.121	ug/l	89
15) Acrylonitrile	5.043	53	27860	103.448	ug/l	97
16) Acetone	3.860	43	22447	97.794	ug/l	89
17) Carbon Disulfide	4.086	76	67620	19.466	ug/l	100
18) Methyl Acetate	4.366	43	14222	20.188	ug/l	96
19) Methyl tert-butyl Ether	5.098	73	60297	20.194	ug/l	99
20) Methylene Chloride	4.598	84	35467	18.422	ug/l	93
21) trans-1,2-Dichloroethene	5.092	96	26772	19.457	ug/l	96
22) Diisopropyl ether	6.000	45	74742	19.939	ug/l #	89
23) Vinyl Acetate	5.939	43	296382	99.865	ug/l	99
24) 1,1-Dichloroethane	5.897	63	45380	19.795	ug/l	98
25) 2-Butanone	6.878	43	36863	99.722	ug/l	99
26) 2,2-Dichloropropane	6.866	77	36012	19.399	ug/l	100
27) cis-1,2-Dichloroethene	6.872	96	32367	19.988	ug/l	99
28) Bromochloromethane	7.232	49	19925	20.720	ug/l	97
29) Tetrahydrofuran	7.250	42	24805	104.387	ug/l	94
30) Chloroform	7.402	83	51810	20.282	ug/l	98
31) Cyclohexane	7.683	56	38894	19.345	ug/l	94
32) 1,1,1-Trichloroethane	7.597	97	44810	19.961	ug/l	98
36) 1,1-Dichloropropene	7.823	75	35021	19.540	ug/l	100
37) Ethyl Acetate	6.963	43	15209	19.153	ug/l #	95
38) Carbon Tetrachloride	7.805	117	40890	19.686	ug/l	96
39) Methylcyclohexane	9.097	83	44673	19.423	ug/l	97
40) Benzene	8.067	78	109503	19.921	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	10419m	25.376	ug/l	
42) 1,2-Dichloroethane	8.146	62	28902	19.471	ug/l	100
43) Isopropyl Acetate	8.189	43	33033	20.569	ug/l #	84
44) Trichloroethene	8.853	130	30592	19.945	ug/l	100
45) 1,2-Dichloropropane	9.134	63	24874	20.310	ug/l	100
46) Dibromomethane	9.219	93	15914	20.034	ug/l	97
47) Bromodichloromethane	9.414	83	39508	20.273	ug/l	98
48) Methyl methacrylate	9.213	41	14220	19.869	ug/l #	90
49) 1,4-Dioxane	9.213	88	3484	362.071	ug/l #	90
51) 4-Methyl-2-Pentanone	9.993	43	83784	98.297	ug/l	94
52) Toluene	10.164	92	70310	19.486	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	31464	19.463	ug/l	98
54) cis-1,3-Dichloropropene	9.847	75	38163	19.629	ug/l #	89
55) 1,1,2-Trichloroethane	10.566	97	21232	20.763	ug/l	95
56) Ethyl methacrylate	10.432	69	26560	19.843	ug/l #	88
57) 1,3-Dichloropropane	10.713	76	33810	20.282	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.701	63	64332	101.315	ug/l	100
59) 2-Hexanone	10.755	43	58823	100.451	ug/l	89
60) Dibromochloromethane	10.902	129	28149	20.211	ug/l	95
61) 1,2-Dibromoethane	11.011	107	20125	20.362	ug/l	99
64) Tetrachloroethene	10.640	164	30135	20.000	ug/l	94
65) Chlorobenzene	11.438	112	77941	19.636	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	27457	19.670	ug/l	99
67) Ethyl Benzene	11.517	91	133275	19.345	ug/l	95
68) m/p-Xylenes	11.627	106	107159	39.201	ug/l	98
69) o-Xylene	11.950	106	49270	19.463	ug/l	97
70) Styrene	11.969	104	85087	19.710	ug/l	98
71) Bromoform	12.127	173	15562	19.503	ug/l #	98
73) Isopropylbenzene	12.249	105	128550	19.695	ug/l	99
74) N-amyl acetate	12.072	43	28592	20.089	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	23149	19.922	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	16184m	20.009	ug/l	
77) Bromobenzene	12.529	156	31230	19.923	ug/l	96
78) n-propylbenzene	12.590	91	153094	19.621	ug/l	100
79) 2-Chlorotoluene	12.676	91	85953	19.649	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	106288	19.989	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6624	19.479	ug/l	87
82) 4-Chlorotoluene	12.773	91	89551	19.677	ug/l	97
83) tert-Butylbenzene	12.993	119	98562	20.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	106207	20.041	ug/l	100
85) sec-Butylbenzene	13.176	105	143188	20.010	ug/l	99
86) p-Isopropyltoluene	13.292	119	116101	19.753	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	59624	19.287	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	61144	19.898	ug/l	99
89) n-Butylbenzene	13.615	91	109323	20.401	ug/l	99
90) Hexachloroethane	13.877	117	23610	20.380	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	54747	20.136	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3558	20.814	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	30630	19.977	ug/l	97
94) Hexachlorobutadiene	15.023	225	14614	18.299	ug/l	99
95) Naphthalene	15.145	128	50554	18.474	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	24362	18.839	ug/l	98

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

