

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010414.D
 Acq On : 09 Sep 2022 13:17
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Sep 09 16:53:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 16:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	273126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	422181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135664	49.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.640%		
35) Dibromofluoromethane	7.710	113	134246	44.773	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.540%		
50) Toluene-d8	10.179	98	504739	51.941	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.880%		
62) 4-Bromofluorobenzene	12.477	95	177385	39.779	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	93722	44.785	ug/l	100
3) Chloromethane	2.107	50	142961	46.589	ug/l	94
4) Vinyl Chloride	2.247	62	181056	47.826	ug/l	99
5) Bromomethane	2.644	94	122895	46.337	ug/l	99
6) Chloroethane	2.784	64	121699	48.061	ug/l	99
7) Trichlorofluoromethane	3.119	101	231288	48.231	ug/l	94
8) Diethyl Ether	3.521	74	74468	47.949	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	136607	48.655	ug/l	96
10) Methyl Iodide	4.082	142	179251	51.593	ug/l	91
11) Tert butyl alcohol	4.948	59	67021	180.565	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	128150	48.653	ug/l	86
13) Acrolein	3.723	56	63719	242.804	ug/l	98
14) Allyl chloride	4.473	41	187033	49.311	ug/l #	94
15) Acrylonitrile	5.155	53	182745	243.069	ug/l	98
16) Acetone	3.942	43	151164	239.454	ug/l	91
17) Carbon Disulfide	4.186	76	340387	47.788	ug/l	99
18) Methyl Acetate	4.466	43	88144	45.386	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	356838	49.057	ug/l	95
20) Methylene Chloride	4.710	84	153562	39.858	ug/l #	82
21) trans-1,2-Dichloroethene	5.210	96	144153	48.200	ug/l	88
22) Diisopropyl ether	6.112	45	414436	48.943	ug/l #	91
23) Vinyl Acetate	6.051	43	1304438	251.374	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	252890	49.331	ug/l	97
25) 2-Butanone	6.978	43	237473	236.703	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	233613	47.756	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	170867	49.151	ug/l	87
28) Bromochloromethane	7.326	49	87287	53.107	ug/l #	78
29) Tetrahydrofuran	7.344	42	149644	238.991	ug/l #	83
30) Chloroform	7.502	83	267808	49.250	ug/l	95
31) Cyclohexane	7.777	56	214958	46.256	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	245308	49.821	ug/l	96
36) 1,1-Dichloropropene	7.911	75	200168	48.765	ug/l	96
37) Ethyl Acetate	7.070	43	103549	47.987	ug/l #	93
38) Carbon Tetrachloride	7.899	117	228325	49.998	ug/l	99
39) Methylcyclohexane	9.179	83	250500	48.943	ug/l	89
40) Benzene	8.155	78	578949	48.995	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	61512m	52.556	ug/l	
42) 1,2-Dichloroethane	8.234	62	172245	49.019	ug/l	93
43) Isopropyl Acetate	8.271	43	193211	48.927	ug/l #	90
44) Trichloroethene	8.935	130	171427	49.285	ug/l	99
45) 1,2-Dichloropropane	9.216	63	142054	49.293	ug/l	94
46) Dibromomethane	9.301	93	85039	48.932	ug/l	96
47) Bromodichloromethane	9.496	83	206708	50.076	ug/l	98
48) Methyl methacrylate	9.289	41	89009	50.186	ug/l #	85
49) 1,4-Dioxane	9.295	88	23539	1023.202	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	533693	246.387	ug/l	90
52) Toluene	10.240	92	379792	49.116	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	210303	49.505	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	238619	49.801	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	121203	49.028	ug/l	99
56) Ethyl methacrylate	10.508	69	161174	49.644	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	202348	49.226	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	197978	179.254	ug/l	93
59) 2-Hexanone	10.831	43	367063	248.600	ug/l	88
60) Dibromochloromethane	10.984	129	151203	50.051	ug/l	99
61) 1,2-Dibromoethane	11.087	107	117378	48.912	ug/l	100
64) Tetrachloroethene	10.715	164	167361	49.645	ug/l	98
65) Chlorobenzene	11.514	112	414334	49.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	158106	51.037	ug/l	98
67) Ethyl Benzene	11.593	91	742684	50.169	ug/l	97
68) m/p-Xylenes	11.703	106	584166	100.516	ug/l	93
69) o-Xylene	12.026	106	277937	50.085	ug/l	93
70) Styrene	12.044	104	471456	50.196	ug/l	95
71) Bromoform	12.209	173	97426	50.303	ug/l #	98
73) Isopropylbenzene	12.331	105	747398	50.155	ug/l	100
74) N-amyl acetate	12.142	43	178747	51.409	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	136703	49.040	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	102842m	49.530	ug/l	
77) Bromobenzene	12.605	156	176078	49.865	ug/l	92
78) n-propylbenzene	12.672	91	884931	50.149	ug/l	97
79) 2-Chlorotoluene	12.758	91	494728	49.910	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	624696	49.684	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	47573	50.111	ug/l	89
82) 4-Chlorotoluene	12.855	91	510177	49.474	ug/l	97
83) tert-Butylbenzene	13.075	119	554576	50.463	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	614096	49.917	ug/l	97
85) sec-Butylbenzene	13.251	105	821114	50.460	ug/l	98
86) p-Isopropyltoluene	13.367	119	697939	50.705	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	350426	49.421	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	346723	49.382	ug/l	98
89) n-Butylbenzene	13.696	91	632663	50.636	ug/l	98
90) Hexachloroethane	13.959	117	128301	49.645	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	311605	49.617	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22285	47.362	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	193913	49.715	ug/l	100
94) Hexachlorobutadiene	15.111	225	115507	49.080	ug/l	99
95) Naphthalene	15.233	128	380212	49.421	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	166273	48.833	ug/l	99

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

