

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006433.D
 Acq On : 22 Oct 2021 12:07
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 23 06:34:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:31:41 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15507	9.491	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.980%#		
35) Dibromofluoromethane	7.722	113	11243	9.669	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.340%#		
50) Toluene-d8	10.179	98	46393	9.412	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	18.820%#		
62) 4-Bromofluorobenzene	12.483	95	15980	9.624	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	12018	9.792	ug/l	99
3) Chloromethane	2.119	50	16090	9.712	ug/l	99
4) Vinyl Chloride	2.253	62	18237	9.857	ug/l	96
5) Bromomethane	2.650	94	13687	11.104	ug/l	97
6) Chloroethane	2.802	64	11551	10.573	ug/l	99
7) Trichlorofluoromethane	3.137	101	24129	10.271	ug/l	90
8) Diethyl Ether	3.534	74	7648	9.940	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	12192	10.193	ug/l	99
10) Methyl Iodide	4.101	142	9265	8.173	ug/l	98
11) Tert butyl alcohol	4.954	59	7629	51.397	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	12226	10.199	ug/l	99
13) Acrolein	3.735	56	5436	52.975	ug/l	91
14) Allyl chloride	4.491	41	25175	10.204	ug/l	99
15) Acrylonitrile	5.174	53	21920	50.591	ug/l	99
16) Acetone	3.960	43	22166	47.115	ug/l	92
17) Carbon Disulfide	4.204	76	38788	9.865	ug/l	99
18) Methyl Acetate	4.485	43	14454	9.474	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	38052	9.901	ug/l	98
20) Methylene Chloride	4.729	84	20261	11.567	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	13718	10.091	ug/l	93
22) Diisopropyl ether	6.125	45	50861	10.344	ug/l	98
23) Vinyl Acetate	6.070	43	148909	49.791	ug/l	100
24) 1,1-Dichloroethane	6.027	63	27017	10.508	ug/l	99
25) 2-Butanone	6.996	43	29710	48.202	ug/l	93
26) 2,2-Dichloropropane	6.984	77	24944	10.200	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	15648	10.083	ug/l	97
28) Bromochloromethane	7.338	49	11246	10.781	ug/l	99
29) Tetrahydrofuran	7.350	42	18374	48.590	ug/l	100
30) Chloroform	7.515	83	27674	10.422	ug/l	98
31) Cyclohexane	7.789	56	27464	10.383	ug/l #	92
32) 1,1,1-Trichloroethane	7.710	97	25010	10.201	ug/l	99
36) 1,1-Dichloropropene	7.923	75	20690	10.037	ug/l	98
37) Ethyl Acetate	7.082	43	12446	9.541	ug/l	97
38) Carbon Tetrachloride	7.905	117	23290	10.242	ug/l	97
39) Methylcyclohexane	9.185	83	24028	9.576	ug/l	95
40) Benzene	8.167	78	58320	9.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	6530m	9.461	ug/l	
42) 1,2-Dichloroethane	8.246	62	21249	10.121	ug/l	99
43) Isopropyl Acetate	8.277	43	24854	9.821	ug/l	100
44) Trichloroethene	8.941	130	15299	10.090	ug/l	93
45) 1,2-Dichloropropane	9.222	63	14753	10.131	ug/l	99
46) Dibromomethane	9.307	93	8074	10.101	ug/l	95
47) Bromodichloromethane	9.496	83	20875	10.039	ug/l	98
48) Methyl methacrylate	9.295	41	11314	9.646	ug/l	96
49) 1,4-Dioxane	9.295	88	2196	202.358	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	64352	48.509	ug/l	98
52) Toluene	10.246	92	36766	9.967	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	21933	9.791	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	24328	10.024	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	10928	9.888	ug/l	96
56) Ethyl methacrylate	10.514	69	16427	9.621	ug/l	99
57) 1,3-Dichloropropane	10.788	76	20135	10.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	37813	48.546	ug/l	98
59) 2-Hexanone	10.831	43	44887	46.751	ug/l	100
60) Dibromochloromethane	10.983	129	13662	10.022	ug/l	99
61) 1,2-Dibromoethane	11.093	107	10086	9.693	ug/l	99
64) Tetrachloroethene	10.721	164	17311	10.129	ug/l	97
65) Chlorobenzene	11.520	112	37849	9.950	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	14015	9.787	ug/l	96
67) Ethyl Benzene	11.593	91	70376	9.716	ug/l	99
68) m/p-Xylenes	11.703	106	53103	19.488	ug/l	100
69) o-Xylene	12.032	106	25139	9.669	ug/l	99
70) Styrene	12.044	104	43250	9.729	ug/l	100
71) Bromoform	12.209	173	9032	9.978	ug/l #	97
73) Isopropylbenzene	12.331	105	67185	9.721	ug/l	100
74) N-amyl acetate	12.142	43	21105	9.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	11566	9.667	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	10405m	19.152	ug/l	
77) Bromobenzene	12.611	156	16066	9.867	ug/l	98
78) n-propylbenzene	12.672	91	83841	9.816	ug/l	100
79) 2-Chlorotoluene	12.758	91	46419	9.817	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	56341	9.736	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4566	9.207	ug/l	93
82) 4-Chlorotoluene	12.855	91	49406	10.028	ug/l	99
83) tert-Butylbenzene	13.075	119	49272	9.908	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	55782	9.641	ug/l	99
85) sec-Butylbenzene	13.251	105	74297	9.950	ug/l	99
86) p-Isopropyltoluene	13.367	119	62112	9.751	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	32244	9.867	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	31642	9.848	ug/l	94
89) n-Butylbenzene	13.696	91	58322	9.733	ug/l	100
90) Hexachloroethane	13.959	117	11413	9.920	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	28669	10.002	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2281	8.980	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	18297	9.669	ug/l	99
94) Hexachlorobutadiene	15.111	225	11852	9.773	ug/l	98
95) Naphthalene	15.239	128	33965	9.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	15565	9.393	ug/l	96

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

