

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006730.D
 Acq On : 15 Nov 2021 12:36
 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: Nov 16 04:03:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 03:59:14 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	127971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	185009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	88336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	16354	9.751	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.500%#		
35) Dibromofluoromethane	7.734	113	12121	9.839	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.680%#		
50) Toluene-d8	10.185	98	50908	9.986	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.980%#		
62) 4-Bromofluorobenzene	12.489	95	16859	9.809	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	12064	9.816	ug/l	97
3) Chloromethane	2.119	50	18572	10.045	ug/l	98
4) Vinyl Chloride	2.265	62	18832	10.033	ug/l	98
5) Bromomethane	2.662	94	9464	9.462	ug/l	98
6) Chloroethane	2.808	64	11209	9.761	ug/l	99
7) Trichlorofluoromethane	3.143	101	23858	10.142	ug/l	97
8) Diethyl Ether	3.546	74	7324	9.348	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.924	101	12599	10.084	ug/l	97
10) Methyl Iodide	4.107	142	15089	9.662	ug/l	99
11) Tert butyl alcohol	4.960	59	13125	52.035	ug/l #	72
12) 1,1-Dichloroethene	3.893	96	12206	9.851	ug/l	95
13) Acrolein	3.753	56	1401	39.705	ug/l #	50
14) Allyl chloride	4.503	41	27788	9.956	ug/l	98
15) Acrylonitrile	5.180	53	19880	43.993	ug/l	98
16) Acetone	3.954	43	21392	41.979	ug/l	94
17) Carbon Disulfide	4.210	76	43616	9.972	ug/l	99
18) Methyl Acetate	4.497	43	14292	8.664	ug/l	95
19) Methyl tert-butyl Ether	5.241	73	35930	9.199	ug/l	97
20) Methylene Chloride	4.728	84	18372	10.202	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	14086	9.951	ug/l	93
22) Diisopropyl ether	6.137	45	53007	9.626	ug/l	96
23) Vinyl Acetate	6.076	43	151267	45.490	ug/l	96
24) 1,1-Dichloroethane	6.033	63	28771	10.236	ug/l	97
25) 2-Butanone	7.002	43	27286	39.984	ug/l	100
26) 2,2-Dichloropropane	7.002	77	25499	10.039	ug/l	78
27) cis-1,2-Dichloroethene	7.002	96	15775	9.867	ug/l	96
28) Bromochloromethane	7.350	49	12994	9.828	ug/l	94
29) Tetrahydrofuran	7.368	42	17407	41.162	ug/l	95
30) Chloroform	7.521	83	26862	9.941	ug/l	89
31) Cyclohexane	7.801	56	30190	10.241	ug/l #	94
32) 1,1,1-Trichloroethane	7.716	97	25362	10.185	ug/l	99
36) 1,1-Dichloropropene	7.935	75	21930	10.059	ug/l	99
37) Ethyl Acetate	7.082	43	12255	8.408	ug/l	98
38) Carbon Tetrachloride	7.911	117	22482	10.082	ug/l	98
39) Methylcyclohexane	9.191	83	26255	9.875	ug/l	95
40) Benzene	8.173	78	61525	10.025	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.368	41	10001	8.171	ug/l #	1
42) 1,2-Dichloroethane	8.246	62	19636	9.604	ug/l	99
43) Isopropyl Acetate	8.283	43	23920	8.748	ug/l	98
44) Trichloroethene	8.953	130	15433	10.337	ug/l	96
45) 1,2-Dichloropropane	9.228	63	15314	9.671	ug/l	98
46) Dibromomethane	9.313	93	7887	9.563	ug/l	95
47) Bromodichloromethane	9.508	83	20948	10.002	ug/l	99
48) Methyl methacrylate	9.301	41	11061	8.538	ug/l	93
49) 1,4-Dioxane	9.301	88	1523	160.939	ug/l #	84
51) 4-Methyl-2-Pentanone	10.081	43	60793	42.211	ug/l	98
52) Toluene	10.252	92	37246	9.994	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	21524	9.455	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	25497	9.986	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	10761	9.774	ug/l	93
56) Ethyl methacrylate	10.520	69	14999	8.764	ug/l	99
57) 1,3-Dichloropropane	10.794	76	18178	9.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	40111	42.809	ug/l	95
59) 2-Hexanone	10.843	43	34628	36.896	ug/l	97
60) Dibromochloromethane	10.990	129	12760	9.455	ug/l	99
61) 1,2-Dibromoethane	11.093	107	9496	9.309	ug/l	99
64) Tetrachloroethene	10.727	164	14012	10.364	ug/l	94
65) Chlorobenzene	11.526	112	37941	10.080	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	14005	9.949	ug/l	99
67) Ethyl Benzene	11.599	91	68934	9.662	ug/l	97
68) m/p-Xylenes	11.709	106	53335	19.615	ug/l	94
69) o-Xylene	12.038	106	25736	9.991	ug/l	94
70) Styrene	12.050	104	43440	9.986	ug/l	97
71) Bromoform	12.215	173	8147	9.562	ug/l #	99
73) Isopropylbenzene	12.337	105	69161	10.281	ug/l	100
74) N-amyl acetate	12.148	43	17163	7.972	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	11017	8.851	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	9335m	9.765	ug/l	
77) Bromobenzene	12.611	156	16256	10.611	ug/l	96
78) n-propylbenzene	12.678	91	84188	10.266	ug/l	98
79) 2-Chlorotoluene	12.764	91	45797	10.205	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	57409	10.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	4297	8.865	ug/l	94
82) 4-Chlorotoluene	12.861	91	48622	10.365	ug/l	98
83) tert-Butylbenzene	13.081	119	49995	10.440	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	56845	10.327	ug/l	98
85) sec-Butylbenzene	13.257	105	75371	10.569	ug/l	100
86) p-Isopropyltoluene	13.373	119	62427	10.341	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	30387	9.960	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	30766	10.218	ug/l	97
89) n-Butylbenzene	13.702	91	59830	10.503	ug/l	100
90) Hexachloroethane	13.971	117	11413	10.490	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	26386	10.035	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2034	9.245	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	16589	9.644	ug/l	100
94) Hexachlorobutadiene	15.117	225	10773	9.598	ug/l	98
95) Naphthalene	15.245	128	27719	8.711	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	13407	9.353	ug/l	99

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

