

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006667.D
 Acq On : 05 Nov 2021 19:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 06 20:43:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	125753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	185024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76788	49.622	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.240%			
35) Dibromofluoromethane	7.728	113	57222	51.099	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.200%			
50) Toluene-d8	10.185	98	244890	51.587	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.483	95	81626	51.044	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57140	49.156	ug/l	99
3) Chloromethane	2.119	50	79715	50.805	ug/l	99
4) Vinyl Chloride	2.259	62	87154	49.736	ug/l	100
5) Bromomethane	2.656	94	52212	44.724	ug/l	94
6) Chloroethane	2.802	64	42459	41.032	ug/l	94
7) Trichlorofluoromethane	3.137	101	113196	50.873	ug/l	100
8) Diethyl Ether	3.534	74	36723	50.395	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.912	101	60645	53.535	ug/l	98
10) Methyl Iodide	4.101	142	52954	43.485	ug/l	99
11) Tert butyl alcohol	4.960	59	25772	183.323	ug/l	98
12) 1,1-Dichloroethene	3.887	96	59730	52.611	ug/l	98
13) Acrolein	3.735	56	10122	104.149	ug/l	98
14) Allyl chloride	4.491	41	137398	58.799	ug/l	96
15) Acrylonitrile	5.174	53	97461	237.500	ug/l	98
16) Acetone	3.954	43	101419	227.607	ug/l	99
17) Carbon Disulfide	4.204	76	195933	52.617	ug/l	100
18) Methyl Acetate	4.485	43	73766	51.052	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	179235	49.242	ug/l	96
20) Methylene Chloride	4.729	84	77503	56.559	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	68726	53.380	ug/l	95
22) Diisopropyl ether	6.125	45	279612	60.040	ug/l	97
23) Vinyl Acetate	6.070	43	747130	263.770	ug/l	98
24) 1,1-Dichloroethane	6.033	63	140914	57.867	ug/l	99
25) 2-Butanone	6.996	43	140421	240.544	ug/l	99
26) 2,2-Dichloropropane	6.990	77	120201	51.897	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	79246	53.916	ug/l	96
28) Bromochloromethane	7.344	49	56542	57.228	ug/l	88
29) Tetrahydrofuran	7.356	42	87288	243.722	ug/l	93
30) Chloroform	7.515	83	135879	54.032	ug/l	98
31) Cyclohexane	7.789	56	135674	54.157	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	121437	52.296	ug/l	99
36) 1,1-Dichloropropene	7.923	75	106397	53.596	ug/l	99
37) Ethyl Acetate	7.082	43	59499	47.359	ug/l	99
38) Carbon Tetrachloride	7.911	117	108041	49.335	ug/l	100
39) Methylcyclohexane	9.191	83	126878	52.503	ug/l	98
40) Benzene	8.167	78	303186	53.547	ug/l	100

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41) Methacrylonitrile	7.332	41	37211m	52.197	ug/l	
42) 1,2-Dichloroethane	8.246	62	97224	48.085	ug/l	99
43) Isopropyl Acetate	8.277	43	116464	47.785	ug/l	98
44) Trichloroethene	8.947	130	76282	52.239	ug/l	100
45) 1,2-Dichloropropane	9.222	63	80328	57.277	ug/l	99
46) Dibromomethane	9.307	93	37502	48.715	ug/l	96
47) Bromodichloromethane	9.502	83	102961	51.413	ug/l	99
48) Methyl methacrylate	9.295	41	54091	47.885	ug/l	97
49) 1,4-Dioxane	9.301	88	8482	811.572	ug/l	88
51) 4-Methyl-2-Pentanone	10.075	43	307245	240.482	ug/l	98
52) Toluene	10.246	92	185573	52.238	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	107868	49.999	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	122511	52.413	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	53439	50.206	ug/l	96
56) Ethyl methacrylate	10.514	69	80764	49.115	ug/l	99
57) 1,3-Dichloropropane	10.795	76	97439	50.371	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	161781	215.667	ug/l	95
59) 2-Hexanone	10.837	43	218327	236.112	ug/l	100
60) Dibromochloromethane	10.990	129	63478	48.349	ug/l	98
61) 1,2-Dibromoethane	11.093	107	47481	47.380	ug/l	99
64) Tetrachloroethene	10.721	164	90827	56.141	ug/l	99
65) Chlorobenzene	11.520	112	187957	52.198	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	68861	50.799	ug/l	99
67) Ethyl Benzene	11.593	91	367392	53.582	ug/l	99
68) m/p-Xylenes	11.703	106	273910	106.189	ug/l	100
69) o-Xylene	12.032	106	127480	51.794	ug/l	98
70) Styrene	12.044	104	219351	52.124	ug/l	99
71) Bromoform	12.209	173	38742	45.213	ug/l #	99
73) Isopropylbenzene	12.331	105	345755	55.449	ug/l	99
74) N-amyl acetate	12.148	43	106858	51.660	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	51899	48.077	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	51493m	56.058	ug/l	
77) Bromobenzene	12.611	156	76238	51.895	ug/l	95
78) n-propylbenzene	12.672	91	435246	56.482	ug/l	98
79) 2-Chlorotoluene	12.758	91	239499	56.139	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	292008	55.927	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21577	48.224	ug/l	97
82) 4-Chlorotoluene	12.855	91	245163	55.151	ug/l	98
83) tert-Butylbenzene	13.075	119	251752	56.110	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	286183	54.819	ug/l	99
85) sec-Butylbenzene	13.257	105	378635	56.203	ug/l	99
86) p-Isopropyltoluene	13.373	119	312932	54.448	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	152702	51.790	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	148391	51.186	ug/l	99
89) n-Butylbenzene	13.696	91	302441	55.940	ug/l	99
90) Hexachloroethane	13.959	117	56774	54.695	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	131929	51.013	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9525	41.562	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	77491	45.389	ug/l	99
94) Hexachlorobutadiene	15.111	225	52654	48.121	ug/l	99
95) Naphthalene	15.239	128	134709	40.311	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	64526	43.159	ug/l	99

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

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