

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006696.D
 Acq On : 08 Nov 2021 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 09 13:09:39 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

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/09/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	114719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80080	56.726	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.460%			
35) Dibromofluoromethane	7.722	113	56958	53.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.040%			
50) Toluene-d8	10.179	98	237107	52.557	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.483	95	81614	53.704	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51622	48.680	ug/l	97
3) Chloromethane	2.119	50	80127	55.979	ug/l	100
4) Vinyl Chloride	2.253	62	80596	50.417	ug/l	99
5) Bromomethane	2.650	94	58291	54.734	ug/l	99
6) Chloroethane	2.796	64	48171	51.030	ug/l	96
7) Trichlorofluoromethane	3.131	101	105197	51.826	ug/l	97
8) Diethyl Ether	3.534	74	37052	55.737	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	55599	53.801	ug/l	98
10) Methyl Iodide	4.101	142	48629	43.740	ug/l	99
11) Tert butyl alcohol	4.960	59	28774	224.364	ug/l	100
12) 1,1-Dichloroethene	3.881	96	55150	53.249	ug/l	96
13) Acrolein	3.735	56	21284	240.063	ug/l	99
14) Allyl chloride	4.485	41	127925	60.011	ug/l	97
15) Acrylonitrile	5.167	53	103768	277.191	ug/l	99
16) Acetone	3.948	43	80620	198.331	ug/l	96
17) Carbon Disulfide	4.198	76	179436	52.821	ug/l	99
18) Methyl Acetate	4.485	43	78379	59.462	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	188315	56.713	ug/l	98
20) Methylene Chloride	4.722	84	71839	57.538	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	65556	55.816	ug/l	98
22) Diisopropyl ether	6.125	45	274218	64.545	ug/l	96
23) Vinyl Acetate	6.070	43	767369	296.972	ug/l	99
24) 1,1-Dichloroethane	6.021	63	134475	60.534	ug/l	98
25) 2-Butanone	6.990	43	136057	255.486	ug/l	100
26) 2,2-Dichloropropane	6.984	77	106842	50.566	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	77451	57.763	ug/l	98
28) Bromochloromethane	7.338	49	53600	59.469	ug/l	90
29) Tetrahydrofuran	7.350	42	95524	292.372	ug/l	93
30) Chloroform	7.508	83	133285	58.098	ug/l	98
31) Cyclohexane	7.789	56	121793	53.292	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	116191	54.850	ug/l	98
36) 1,1-Dichloropropene	7.923	75	98473	52.196	ug/l	99
37) Ethyl Acetate	7.082	43	63874	53.497	ug/l	99
38) Carbon Tetrachloride	7.905	117	103009	49.494	ug/l	97
39) Methylcyclohexane	9.185	83	115465	50.276	ug/l	93
40) Benzene	8.167	78	290314	53.953	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	36042m	53.199	ug/l	
42) 1,2-Dichloroethane	8.240	62	101717	52.936	ug/l	100
43) Isopropyl Acetate	8.277	43	123802	53.450	ug/l	99
44) Trichloroethene	8.941	130	72676	52.370	ug/l	95
45) 1,2-Dichloropropane	9.222	63	77370	58.050	ug/l	99
46) Dibromomethane	9.307	93	39605	54.135	ug/l	96
47) Bromodichloromethane	9.502	83	104145	54.721	ug/l	97
48) Methyl methacrylate	9.295	41	57838	53.878	ug/l	97
49) 1,4-Dioxane	9.301	88	9301	936.432	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	329371	271.270	ug/l	99
52) Toluene	10.246	92	179481	53.163	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	107400	52.383	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	120455	54.226	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	53828	53.214	ug/l	97
56) Ethyl methacrylate	10.514	69	84075	53.800	ug/l	98
57) 1,3-Dichloropropane	10.788	76	99303	54.016	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	181031	253.938	ug/l	96
59) 2-Hexanone	10.831	43	227218	258.566	ug/l	99
60) Dibromochloromethane	10.983	129	65523	52.514	ug/l	98
61) 1,2-Dibromoethane	11.087	107	48856	51.300	ug/l	99
64) Tetrachloroethene	10.721	164	86937	55.081	ug/l	98
65) Chlorobenzene	11.520	112	185360	52.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	70543	53.343	ug/l	99
67) Ethyl Benzene	11.593	91	358340	53.570	ug/l	99
68) m/p-Xylenes	11.703	106	266184	105.777	ug/l	99
69) o-Xylene	12.032	106	127337	53.031	ug/l	99
70) Styrene	12.044	104	221267	53.895	ug/l	99
71) Bromoform	12.209	173	41546	49.699	ug/l #	98
73) Isopropylbenzene	12.331	105	337869	54.097	ug/l	100
74) N-amyl acetate	12.142	43	114537	55.282	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	54464	50.371	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	51983m	56.500	ug/l	
77) Bromobenzene	12.611	156	78555	53.385	ug/l	97
78) n-propylbenzene	12.672	91	421635	54.627	ug/l	99
79) 2-Chlorotoluene	12.758	91	237706	55.629	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	288711	55.206	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	22759	50.783	ug/l	97
82) 4-Chlorotoluene	12.855	91	246732	55.414	ug/l	98
83) tert-Butylbenzene	13.075	119	243223	54.121	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	284932	54.490	ug/l	99
85) sec-Butylbenzene	13.251	105	367569	54.471	ug/l	99
86) p-Isopropyltoluene	13.367	119	306498	53.241	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	155154	52.537	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	151690	52.239	ug/l	99
89) n-Butylbenzene	13.696	91	291881	53.900	ug/l	99
90) Hexachloroethane	13.959	117	57691	55.488	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	136418	52.663	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10832	47.188	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	82976	48.523	ug/l	99
94) Hexachlorobutadiene	15.111	225	54083	49.347	ug/l	99
95) Naphthalene	15.239	128	155144	46.351	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	82117	54.836	ug/l	100

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

