

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006438.D
 Acq On : 22 Oct 2021 14:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY102221

Quant Time: Oct 23 07:04:30 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 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	142041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	89307	51.094	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.180%			
35) Dibromofluoromethane	7.728	113	63205	51.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.240%			
50) Toluene-d8	10.185	98	270366	51.579	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.483	95	91074	51.578	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	69667	53.060	ug/l	99
3) Chloromethane	2.119	50	101585	57.319	ug/l	99
4) Vinyl Chloride	2.253	62	108224	54.678	ug/l	98
5) Bromomethane	2.656	94	73833	55.992	ug/l	100
6) Chloroethane	2.796	64	66059	56.519	ug/l	98
7) Trichlorofluoromethane	3.131	101	139548	55.525	ug/l	100
8) Diethyl Ether	3.533	74	41962	50.981	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	64228	50.196	ug/l	99
10) Methyl Iodide	4.100	142	63053	45.566	ug/l	99
11) Tert butyl alcohol	4.960	59	36275	228.445	ug/l	99
12) 1,1-Dichloroethene	3.881	96	66794	52.087	ug/l	98
13) Acrolein	3.735	56	24634	224.403	ug/l	99
14) Allyl chloride	4.484	41	141229	53.508	ug/l	100
15) Acrylonitrile	5.173	53	116199	250.692	ug/l	99
16) Acetone	3.954	43	130669	259.623	ug/l	96
17) Carbon Disulfide	4.204	76	227207	54.019	ug/l	100
18) Methyl Acetate	4.478	43	79155	48.500	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	213867	52.019	ug/l	99
20) Methylene Chloride	4.722	84	82977	53.381	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	75633	52.009	ug/l	98
22) Diisopropyl ether	6.124	45	280035	53.235	ug/l	99
23) Vinyl Acetate	6.070	43	843239	263.563	ug/l	99
24) 1,1-Dichloroethane	6.027	63	143902	52.317	ug/l	98
25) 2-Butanone	6.990	43	167835	254.537	ug/l	100
26) 2,2-Dichloropropane	6.984	77	135855	51.929	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	86321	51.995	ug/l	99
28) Bromochloromethane	7.338	49	53819	48.226	ug/l #	17
29) Tetrahydrofuran	7.350	42	101876	251.835	ug/l	99
30) Chloroform	7.514	83	146749	51.663	ug/l	97
31) Cyclohexane	7.789	56	140805	49.760	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	136613	52.086	ug/l	100
36) 1,1-Dichloropropene	7.923	75	112419	51.285	ug/l	100
37) Ethyl Acetate	7.082	43	70264	50.650	ug/l	100
38) Carbon Tetrachloride	7.905	117	122095	50.491	ug/l	97
39) Methylcyclohexane	9.185	83	139685	52.348	ug/l	98
40) Benzene	8.167	78	324862	51.961	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	45285	57.528	ug/l #	1
42) 1,2-Dichloroethane	8.246	62	111667	50.017	ug/l	99
43) Isopropyl Acetate	8.277	43	135378	50.304	ug/l	99
44) Trichloroethene	8.941	130	83676	51.895	ug/l	98
45) 1,2-Dichloropropane	9.221	63	80207	51.794	ug/l	99
46) Dibromomethane	9.307	93	42759	50.303	ug/l	99
47) Bromodichloromethane	9.502	83	112505	50.877	ug/l	94
48) Methyl methacrylate	9.295	41	63066	50.562	ug/l	100
49) 1,4-Dioxane	9.301	88	11660	1010.368	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	352552	249.904	ug/l	100
52) Toluene	10.246	92	200819	51.195	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	124042	52.071	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	135197	52.382	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	60396	51.388	ug/l	98
56) Ethyl methacrylate	10.514	69	94315	51.943	ug/l	98
57) 1,3-Dichloropropane	10.794	76	108162	50.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	200558	242.130	ug/l	100
59) 2-Hexanone	10.837	43	258725	253.397	ug/l	100
60) Dibromochloromethane	10.989	129	74397	51.318	ug/l	98
61) 1,2-Dibromoethane	11.087	107	55510	50.165	ug/l	99
64) Tetrachloroethene	10.721	164	93001	50.929	ug/l	98
65) Chlorobenzene	11.520	112	209604	51.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	77494	50.649	ug/l	99
67) Ethyl Benzene	11.593	91	404833	52.310	ug/l	100
68) m/p-Xylenes	11.703	106	303862	104.368	ug/l	98
69) o-Xylene	12.032	106	144576	52.042	ug/l	99
70) Styrene	12.044	104	248483	52.313	ug/l	99
71) Bromoform	12.209	173	48601	50.251	ug/l	99
73) Isopropylbenzene	12.331	105	383154	52.394	ug/l	99
74) N-amyl acetate	12.142	43	127118	52.400	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	64658	51.072	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	57811m	53.664	ug/l	
77) Bromobenzene	12.611	156	89419	51.900	ug/l	100
78) n-propylbenzene	12.672	91	472811	52.317	ug/l	100
79) 2-Chlorotoluene	12.757	91	261975	52.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	323811	52.881	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	26653	50.792	ug/l	99
82) 4-Chlorotoluene	12.855	91	271854	52.146	ug/l	99
83) tert-Butylbenzene	13.074	119	275868	52.427	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	322409	52.659	ug/l	99
85) sec-Butylbenzene	13.251	105	410373	51.939	ug/l	99
86) p-Isopropyltoluene	13.367	119	350762	52.038	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	176200	50.956	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	175970	51.756	ug/l	100
89) n-Butylbenzene	13.696	91	329838	52.020	ug/l	100
90) Hexachloroethane	13.958	117	63414	52.091	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	155237	51.182	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13227	49.212	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	102590	51.237	ug/l	99
94) Hexachlorobutadiene	15.111	225	64398	50.183	ug/l	99
95) Naphthalene	15.239	128	201671	51.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	89650	51.129	ug/l	99

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

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