

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006437.D
 Acq On : 22 Oct 2021 13:37
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 23 06:36:40 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	142102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	265475	151.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	303.640%#
35) Dibromofluoromethane	7.722	113	191711	158.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	317.500%#
50) Toluene-d8	10.185	98	815555	159.314	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	318.620%#
62) 4-Bromofluorobenzene	12.483	95	269026	156.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	312.020%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	207510	157.976	ug/l	98
3) Chloromethane	2.113	50	286759	161.734	ug/l	99
4) Vinyl Chloride	2.253	62	312516	157.824	ug/l	100
5) Bromomethane	2.631	94	190400	144.329	ug/l	99
6) Chloroethane	2.790	64	177713	151.983	ug/l	98
7) Trichlorofluoromethane	3.125	101	376254	149.644	ug/l	99
8) Diethyl Ether	3.534	74	125352	152.230	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	195035	152.360	ug/l	100
10) Methyl Iodide	4.101	142	229347	189.040	ug/l	99
11) Tert butyl alcohol	4.972	59	105821	666.130	ug/l	100
12) 1,1-Dichloroethene	3.875	96	199019	155.130	ug/l	98
13) Acrolein	3.735	56	73122	665.816	ug/l	99
14) Allyl chloride	4.485	41	419643	158.924	ug/l	99
15) Acrylonitrile	5.168	53	345868	745.867	ug/l	99
16) Acetone	3.954	43	387501	769.585	ug/l	99
17) Carbon Disulfide	4.198	76	658954	156.599	ug/l	99
18) Methyl Acetate	4.485	43	237947	145.733	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	635484	154.503	ug/l	99
20) Methylene Chloride	4.723	84	223290	119.105	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	226552	155.721	ug/l	100
22) Diisopropyl ether	6.125	45	818670	155.565	ug/l	99
23) Vinyl Acetate	6.070	43	2527630	789.697	ug/l	99
24) 1,1-Dichloroethane	6.027	63	425589	154.661	ug/l	99
25) 2-Butanone	6.990	43	508733	771.208	ug/l	99
26) 2,2-Dichloropropane	6.990	77	401170	153.277	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	258471	155.622	ug/l	99
28) Bromochloromethane	7.338	49	157779	141.322	ug/l	99
29) Tetrahydrofuran	7.356	42	304694	752.874	ug/l	99
30) Chloroform	7.515	83	428190	150.678	ug/l	98
31) Cyclohexane	7.789	56	418714	147.908	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	402747	153.487	ug/l	99
36) 1,1-Dichloropropene	7.923	75	338374	158.063	ug/l	99
37) Ethyl Acetate	7.082	43	209047	154.300	ug/l	99
38) Carbon Tetrachloride	7.905	117	365789	154.891	ug/l	99
39) Methylcyclohexane	9.185	83	420000	161.167	ug/l	97
40) Benzene	8.167	78	959084	157.079	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	135377m	188.867	ug/l	
42) 1,2-Dichloroethane	8.240	62	326672	149.823	ug/l	99
43) Isopropyl Acetate	8.277	43	406638	154.717	ug/l	100
44) Trichloroethene	8.941	130	243389	154.564	ug/l	98
45) 1,2-Dichloropropane	9.222	63	234996	155.384	ug/l	99
46) Dibromomethane	9.307	93	128892	155.263	ug/l	99
47) Bromodichloromethane	9.502	83	335858	155.519	ug/l	97
48) Methyl methacrylate	9.295	41	194415	159.602	ug/l	98
49) 1,4-Dioxane	9.301	88	34365	3049.132	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	1055464	766.077	ug/l	100
52) Toluene	10.246	92	607232	158.511	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	367986	158.173	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	396211	157.189	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	175274	152.702	ug/l	96
56) Ethyl methacrylate	10.514	69	283771	160.028	ug/l	98
57) 1,3-Dichloropropane	10.795	76	321147	153.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	605581	748.618	ug/l	99
59) 2-Hexanone	10.837	43	769254	771.457	ug/l	100
60) Dibromochloromethane	10.990	129	219390	154.957	ug/l	98
61) 1,2-Dibromoethane	11.093	107	167256	154.772	ug/l	98
64) Tetrachloroethene	10.721	164	264960	149.137	ug/l	98
65) Chlorobenzene	11.520	112	614841	155.489	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	236793	159.073	ug/l	100
67) Ethyl Benzene	11.593	91	1229452	163.285	ug/l	100
68) m/p-Xylenes	11.703	106	920232	324.874	ug/l	99
69) o-Xylene	12.032	106	438020	162.060	ug/l	99
70) Styrene	12.044	104	753269	163.001	ug/l	100
71) Bromoform	12.209	173	144597	153.669	ug/l	98
73) Isopropylbenzene	12.331	105	1139522	164.587	ug/l	100
74) N-amyl acetate	12.142	43	375008	163.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	192516	160.614	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	139423m	256.166	ug/l	
77) Bromobenzene	12.611	156	262050	160.650	ug/l	98
78) n-propylbenzene	12.672	91	1402950	163.968	ug/l	100
79) 2-Chlorotoluene	12.758	91	771885	162.952	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	951953	164.205	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	78490	157.990	ug/l	98
82) 4-Chlorotoluene	12.855	91	800044	162.090	ug/l	99
83) tert-Butylbenzene	13.075	119	804598	161.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	950139	163.913	ug/l	100
85) sec-Butylbenzene	13.251	105	1207649	161.443	ug/l	100
86) p-Isopropyltoluene	13.367	119	1051648	164.794	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	525806	160.610	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	503115	156.298	ug/l	100
89) n-Butylbenzene	13.697	91	978345	162.975	ug/l	99
90) Hexachloroethane	13.959	117	185108	160.608	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	453525	157.938	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	39971	157.079	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	314585	165.951	ug/l	99
94) Hexachlorobutadiene	15.111	225	192031	158.058	ug/l	99
95) Naphthalene	15.239	128	635218	171.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	278033	167.485	ug/l	100

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

