

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010416.D
 Acq On : 09 Sep 2022 14:02
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 09 16:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 16:52:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	283931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	440124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	399217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	414290	144.874	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 289.740%#			
35) Dibromofluoromethane	7.710	113	406137	129.931	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 259.860%#			
50) Toluene-d8	10.179	98	1524551	150.491	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 300.980%#			
62) 4-Bromofluorobenzene	12.477	95	550366	118.390	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 236.780%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	262654	120.734	ug/l	100
3) Chloromethane	2.107	50	422233	132.364	ug/l	97
4) Vinyl Chloride	2.241	62	528401	134.266	ug/l	100
5) Bromomethane	2.625	94	338614	122.814	ug/l	99
6) Chloroethane	2.777	64	353623	134.337	ug/l	99
7) Trichlorofluoromethane	3.113	101	678477	136.101	ug/l	96
8) Diethyl Ether	3.521	74	228023	141.232	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	393520	134.825	ug/l	96
10) Methyl Iodide	4.082	142	534405	147.961	ug/l	90
11) Tert butyl alcohol	4.954	59	207100	536.727	ug/l	96
12) 1,1-Dichloroethene	3.863	96	376512	137.506	ug/l	84
13) Acrolein	3.722	56	202407	741.928	ug/l	97
14) Allyl chloride	4.466	41	574537	145.710	ug/l #	94
15) Acrylonitrile	5.155	53	574866	735.532	ug/l	98
16) Acetone	3.942	43	436042	664.433	ug/l	90
17) Carbon Disulfide	4.180	76	996254	134.546	ug/l	100
18) Methyl Acetate	4.466	43	278968	138.176	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	1112939	147.182	ug/l	96
20) Methylene Chloride	4.704	84	431191	107.660	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	430016	138.313	ug/l	87
22) Diisopropyl ether	6.112	45	1337029	151.888	ug/l	93
23) Vinyl Acetate	6.051	43	4272571	792.021	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	755913	141.843	ug/l	99
25) 2-Butanone	6.978	43	756219	725.082	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	700873	137.823	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	512392	141.783	ug/l	87
28) Bromochloromethane	7.325	49	267665	156.654	ug/l #	81
29) Tetrahydrofuran	7.338	42	492071	755.964	ug/l #	84
30) Chloroform	7.502	83	802362	141.940	ug/l	99
31) Cyclohexane	7.777	56	634519	131.343	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	736233	143.834	ug/l	95
36) 1,1-Dichloropropene	7.911	75	600909	140.425	ug/l	97
37) Ethyl Acetate	7.069	43	331117	147.192	ug/l #	94
38) Carbon Tetrachloride	7.892	117	674533	141.686	ug/l	99
39) Methylcyclohexane	9.179	83	729777	136.773	ug/l	89
40) Benzene	8.155	78	1740402	141.283	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	204491m	167.596	ug/l	
42) 1,2-Dichloroethane	8.234	62	521702	142.417	ug/l	93
43) Isopropyl Acetate	8.270	43	638780	155.163	ug/l #	92
44) Trichloroethene	8.935	130	506351	139.641	ug/l	99
45) 1,2-Dichloropropane	9.209	63	431530	143.636	ug/l	98
46) Dibromomethane	9.301	93	259309	143.126	ug/l	97
47) Bromodichloromethane	9.496	83	625211	145.284	ug/l	99
48) Methyl methacrylate	9.289	41	292371	158.128	ug/l #	86
49) 1,4-Dioxane	9.295	88	72687	3030.775	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	1752547	776.102	ug/l	90
52) Toluene	10.240	92	1158327	143.693	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	666243	150.440	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	734314	147.007	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	364538	141.448	ug/l	99
56) Ethyl methacrylate	10.508	69	528303	156.090	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	617923	144.197	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	645362	560.505	ug/l	94
59) 2-Hexanone	10.831	43	1216614	790.382	ug/l	88
60) Dibromochloromethane	10.983	129	463582	147.198	ug/l	100
61) 1,2-Dibromoethane	11.087	107	356337	142.433	ug/l	100
64) Tetrachloroethene	10.715	164	484671	134.694	ug/l	99
65) Chlorobenzene	11.514	112	1240129	138.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	477282	144.342	ug/l	98
67) Ethyl Benzene	11.593	91	2256754	142.823	ug/l	97
68) m/p-Xylenes	11.703	106	1785201	287.783	ug/l	93
69) o-Xylene	12.026	106	864497	145.950	ug/l	92
70) Styrene	12.044	104	1488336	148.461	ug/l	96
71) Bromoform	12.209	173	306050	148.043	ug/l #	99
73) Isopropylbenzene	12.331	105	2275060	145.595	ug/l	99
74) N-amyl acetate	12.142	43	613019	168.139	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	425780	145.663	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	327711m	150.515	ug/l	
77) Bromobenzene	12.605	156	528146	142.639	ug/l	96
78) n-propylbenzene	12.672	91	2665363	144.046	ug/l	98
79) 2-Chlorotoluene	12.757	91	1505491	144.841	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	1889792	143.336	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	159976	160.701	ug/l	87
82) 4-Chlorotoluene	12.855	91	1576130	145.760	ug/l	98
83) tert-Butylbenzene	13.074	119	1661546	144.184	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	1877065	145.505	ug/l	98
85) sec-Butylbenzene	13.251	105	2433730	142.627	ug/l	99
86) p-Isopropyltoluene	13.367	119	2086835	144.583	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	1060145	142.585	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	1031178	140.059	ug/l	98
89) n-Butylbenzene	13.696	91	1868370	142.608	ug/l	98
90) Hexachloroethane	13.958	117	380487	140.403	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	936744	142.246	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	72818	147.588	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	576623	140.981	ug/l	99
94) Hexachlorobutadiene	15.111	225	322388	130.636	ug/l	99
95) Naphthalene	15.233	128	1213455	150.418	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	500059	140.058	ug/l	99

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

