

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062822\
 Data File : VY009362.D
 Acq On : 28 Jun 2022 12:32
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 13:44:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 13:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	176341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	182947	101.747	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 203.500%#			
35) Dibromofluoromethane	7.716	113	214104	124.891	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 249.780%#			
50) Toluene-d8	10.179	98	635171	101.293	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 202.580%#			
62) 4-Bromofluorobenzene	12.477	95	290111	118.559	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 237.120%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	194789	126.480	ug/l	99
3) Chloromethane	2.107	50	203015	95.157	ug/l	97
4) Vinyl Chloride	2.241	62	224385	72.158	ug/l	99
5) Bromomethane	2.619	94	159892	52.728	ug/l	99
6) Chloroethane	2.772	64	121708	56.065	ug/l	97
7) Trichlorofluoromethane	3.113	101	309787	111.172	ug/l	93
8) Diethyl Ether	3.521	74	131404	146.398	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	237647	137.117	ug/l	95
10) Methyl Iodide	4.082	142	302511	166.694	ug/l	89
11) Tert butyl alcohol	4.948	59	145604	774.311	ug/l	99
12) 1,1-Dichloroethene	3.863	96	224137	139.155	ug/l	85
13) Acrolein	3.716	56	74637	1051.208	ug/l	97
14) Allyl chloride	4.466	41	401067	159.448	ug/l #	91
15) Acrylonitrile	5.155	53	358788	706.519	ug/l	97
16) Acetone	3.936	43	292802	768.122	ug/l	90
17) Carbon Disulfide	4.180	76	615937	120.052	ug/l	99
18) Methyl Acetate	4.466	43	163440	140.342	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	672112	137.762	ug/l	96
20) Methylene Chloride	4.704	84	288120	105.434	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	268579	129.485	ug/l	86
22) Diisopropyl ether	6.112	45	772491	128.254	ug/l #	94
23) Vinyl Acetate	6.051	43	2546047	648.661	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	472837	134.002	ug/l	97
25) 2-Butanone	6.978	43	441884	657.729	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	434114	133.726	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	306813	131.002	ug/l	87
28) Bromochloromethane	7.326	49	195036	150.254	ug/l #	78
29) Tetrahydrofuran	7.344	42	286489	629.774	ug/l #	87
30) Chloroform	7.502	83	488622	129.160	ug/l	99
31) Cyclohexane	7.777	56	400127	116.295	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	447130	131.254	ug/l	96
36) 1,1-Dichloropropene	7.911	75	366458	129.274	ug/l	96
37) Ethyl Acetate	7.070	43	197000	130.749	ug/l #	95
38) Carbon Tetrachloride	7.893	117	401779	135.411	ug/l	99
39) Methylcyclohexane	9.179	83	448488	124.762	ug/l	90
40) Benzene	8.155	78	1066629	130.005	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	121827m	159.127	ug/l	
42) 1,2-Dichloroethane	8.234	62	304091	126.689	ug/l	92
43) Isopropyl Acetate	8.271	43	380806	136.599	ug/l #	91
44) Trichloroethene	8.935	130	302502	138.814	ug/l	100
45) 1,2-Dichloropropane	9.209	63	265761	133.543	ug/l	96
46) Dibromomethane	9.301	93	153076	123.311	ug/l	99
47) Bromodichloromethane	9.490	83	373382	130.848	ug/l	98
48) Methyl methacrylate	9.289	41	166410	135.369	ug/l #	85
49) 1,4-Dioxane	9.295	88	42458	2557.571	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	937767	618.349	ug/l	92
52) Toluene	10.240	92	663910	118.090	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	389526	129.141	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	442586	134.464	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	211062	121.890	ug/l	97
56) Ethyl methacrylate	10.508	69	290740	130.998	ug/l	84
57) 1,3-Dichloropropane	10.788	76	359704	126.006	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	751691	753.247	ug/l	94
59) 2-Hexanone	10.831	43	650554	628.630	ug/l	90
60) Dibromochloromethane	10.983	129	268782	127.720	ug/l	100
61) 1,2-Dibromoethane	11.087	107	208308	122.401	ug/l	100
64) Tetrachloroethene	10.715	164	294101	162.177	ug/l	98
65) Chlorobenzene	11.514	112	716289	131.595	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	266064	134.263	ug/l	98
67) Ethyl Benzene	11.587	91	1269751	131.018	ug/l	99
68) m/p-Xylenes	11.703	106	987323	254.777	ug/l	94
69) o-Xylene	12.026	106	476954	131.649	ug/l	91
70) Styrene	12.044	104	795758	129.163	ug/l	97
71) Bromoform	12.203	173	166413	128.725	ug/l #	99
73) Isopropylbenzene	12.325	105	1256721	146.825	ug/l	99
74) N-amyl acetate	12.142	43	324371	160.544	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	225902	129.131	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	169336m	138.662	ug/l	
77) Bromobenzene	12.605	156	293603	146.956	ug/l	92
78) n-propylbenzene	12.672	91	1492066	142.497	ug/l	97
79) 2-Chlorotoluene	12.758	91	835669	146.845	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	1033374	145.543	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	86474	143.535	ug/l	88
82) 4-Chlorotoluene	12.855	91	862100	143.354	ug/l	97
83) tert-Butylbenzene	13.075	119	907088	143.968	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	1001482	142.544	ug/l	97
85) sec-Butylbenzene	13.251	105	1327233	138.954	ug/l	98
86) p-Isopropyltoluene	13.367	119	1107543	139.304	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	558904	134.549	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	559501	133.848	ug/l	98
89) n-Butylbenzene	13.696	91	1027866	142.716	ug/l	98
90) Hexachloroethane	13.959	117	212048	140.738	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	505855	137.598	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	39349	144.649	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	311162	150.910	ug/l	99
94) Hexachlorobutadiene	15.111	225	162309	143.279	ug/l	97
95) Naphthalene	15.233	128	655739	157.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	268896	149.064	ug/l	99

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

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