

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009468.D
 Acq On : 07 Jul 2022 13:01
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

Quant Time: Jul 08 01:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	288611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129415	75.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.220%	
35) Dibromofluoromethane	7.710	113	147253	88.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 176.500%#	
50) Toluene-d8	10.173	98	427485	74.571	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 149.140%#	
62) 4-Bromofluorobenzene	12.477	95	213306	90.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 181.120%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	107087	69.738	ug/l	98
3) Chloromethane	2.107	50	118104	68.873	ug/l	96
4) Vinyl Chloride	2.241	62	140142	71.781	ug/l	98
5) Bromomethane	2.619	94	95322	67.960	ug/l	99
6) Chloroethane	2.778	64	84810	74.404	ug/l	100
7) Trichlorofluoromethane	3.113	101	207842	79.736	ug/l	94
8) Diethyl Ether	3.515	74	66630	66.813	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.887	101	122006	69.083	ug/l	91
10) Methyl Iodide	4.076	142	162611	77.599	ug/l	89
11) Tert butyl alcohol	4.954	59	78926	255.996	ug/l	97
12) 1,1-Dichloroethene	3.857	96	107770	65.791	ug/l #	78
13) Acrolein	3.716	56	59130	470.300	ug/l	96
14) Allyl chloride	4.466	41	157376	55.839	ug/l #	90
15) Acrylonitrile	5.149	53	173012	315.294	ug/l	98
16) Acetone	3.936	43	144578	296.807	ug/l	92
17) Carbon Disulfide	4.180	76	229273	49.729	ug/l	99
18) Methyl Acetate	4.466	43	74917	52.382	ug/l #	85
19) Methyl tert-butyl Ether	5.210	73	341685	68.918	ug/l	95
20) Methylene Chloride	4.704	84	126906	46.283	ug/l #	81
21) trans-1,2-Dichloroethene	5.204	96	119837	62.436	ug/l #	80
22) Diisopropyl ether	6.112	45	567671	94.741	ug/l #	92
23) Vinyl Acetate	6.045	43	1946365	508.045	ug/l	96
24) 1,1-Dichloroethane	6.003	63	300584	88.958	ug/l	99
25) 2-Butanone	6.978	43	370888	470.675	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	292506	87.832	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	204607	90.548	ug/l	89
28) Bromochloromethane	7.326	49	142580	100.396	ug/l #	83
29) Tetrahydrofuran	7.338	42	243962	478.667	ug/l	90
30) Chloroform	7.496	83	337313	91.213	ug/l	98
31) Cyclohexane	7.777	56	255374	77.735	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	296850	91.047	ug/l	96
36) 1,1-Dichloropropene	7.911	75	238064	87.632	ug/l	97
37) Ethyl Acetate	7.063	43	162343	95.334	ug/l #	94
38) Carbon Tetrachloride	7.893	117	260821	89.771	ug/l	98
39) Methylcyclohexane	9.179	83	281859	86.435	ug/l	91
40) Benzene	8.155	78	711710	89.217	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	76264m	48.158	ug/l	
42) 1,2-Dichloroethane	8.228	62	216713	90.487	ug/l	92
43) Isopropyl Acetate	8.264	43	308680	97.151	ug/l #	94
44) Trichloroethene	8.935	130	202163	89.708	ug/l	98
45) 1,2-Dichloropropane	9.209	63	191553	94.883	ug/l	95
46) Dibromomethane	9.295	93	112186	94.679	ug/l	98
47) Bromodichloromethane	9.490	83	267778	94.947	ug/l	98
48) Methyl methacrylate	9.289	41	134766	98.445	ug/l #	88
49) 1,4-Dioxane	9.289	88	34822	1995.570	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	791197	473.507	ug/l	93
52) Toluene	10.240	92	456498	89.801	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	283894	95.522	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	317391	95.773	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	158269	92.589	ug/l	98
56) Ethyl methacrylate	10.508	69	228389	100.636	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	269241	95.545	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	588507	530.836	ug/l	94
59) 2-Hexanone	10.825	43	550699	475.625	ug/l	90
60) Dibromochloromethane	10.983	129	202585	97.867	ug/l	99
61) 1,2-Dibromoethane	11.087	107	156497	95.498	ug/l	98
64) Tetrachloroethene	10.715	164	215043	89.117	ug/l	98
65) Chlorobenzene	11.514	112	513050	90.512	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	195161	91.530	ug/l	98
67) Ethyl Benzene	11.587	91	887646	89.701	ug/l	97
68) m/p-Xylenes	11.697	106	692401	179.409	ug/l	93
69) o-Xylene	12.026	106	337509	91.237	ug/l	92
70) Styrene	12.038	104	573868	92.877	ug/l	96
71) Bromoform	12.203	173	132354	97.392	ug/l #	97
73) Isopropylbenzene	12.325	105	899627	93.899	ug/l	99
74) N-amyl acetate	12.142	43	261303	95.858	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	182749	95.265	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	152356m	61.662	ug/l	
77) Bromobenzene	12.605	156	217092	93.077	ug/l	94
78) n-propylbenzene	12.666	91	1070255	92.464	ug/l	97
79) 2-Chlorotoluene	12.751	91	603375	93.110	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	746701	93.242	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	68852	95.022	ug/l	88
82) 4-Chlorotoluene	12.849	91	628309	92.518	ug/l	97
83) tert-Butylbenzene	13.068	119	677620	95.109	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	731943	91.826	ug/l	97
85) sec-Butylbenzene	13.251	105	983694	93.749	ug/l	98
86) p-Isopropyltoluene	13.367	119	807212	92.290	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	414333	89.993	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	419578	90.043	ug/l	98
89) n-Butylbenzene	13.690	91	758698	92.892	ug/l	98
90) Hexachloroethane	13.959	117	162690	94.801	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	382778	90.743	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33545	99.766	ug/l	78
93) 1,2,4-Trichlorobenzene	15.001	180	250072	97.202	ug/l	99
94) Hexachlorobutadiene	15.111	225	132088	93.386	ug/l	99
95) Naphthalene	15.233	128	556237	104.570	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	220839	99.107	ug/l	99

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

