

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009988.D
 Acq On : 12 Aug 2022 15:42
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 13 02:21:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:18:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	107918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	177965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	160644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	105077	95.342	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 190.680%#			
35) Dibromofluoromethane	7.710	113	108484	99.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 198.720%#			
50) Toluene-d8	10.173	98	420688	99.959	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 199.920%#			
62) 4-Bromofluorobenzene	12.477	95	148377	98.979	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 197.960%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	86992	90.764	ug/l	96
3) Chloromethane	2.101	50	70991	97.843	ug/l	96
4) Vinyl Chloride	2.235	62	75372	97.550	ug/l	100
5) Bromomethane	2.625	94	51001	83.978	ug/l	97
6) Chloroethane	2.772	64	44911	88.817	ug/l	99
7) Trichlorofluoromethane	3.107	101	174720	94.571	ug/l	98
8) Diethyl Ether	3.515	74	66904	93.320	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	115968	96.306	ug/l	95
10) Methyl Iodide	4.070	142	150918	106.210	ug/l	98
11) Tert butyl alcohol	4.948	59	52118	438.554	ug/l #	95
12) 1,1-Dichloroethene	3.851	96	112822	97.096	ug/l	93
13) Acrolein	3.717	56	63468	448.891	ug/l	99
14) Allyl chloride	4.460	41	155377	96.760	ug/l	95
15) Acrylonitrile	5.143	53	153146	451.797	ug/l	99
16) Acetone	3.936	43	109945	412.525	ug/l #	87
17) Carbon Disulfide	4.174	76	358951	94.177	ug/l	98
18) Methyl Acetate	4.460	43	69454	81.894	ug/l #	90
19) Methyl tert-butyl Ether	5.204	73	288420	101.383	ug/l	96
20) Methylene Chloride	4.698	84	129002	75.435	ug/l #	87
21) trans-1,2-Dichloroethene	5.198	96	124473	96.451	ug/l	95
22) Diisopropyl ether	6.106	45	297881	90.790	ug/l	95
23) Vinyl Acetate	6.045	43	979195	480.957	ug/l	95
24) 1,1-Dichloroethane	6.003	63	195000	93.880	ug/l	99
25) 2-Butanone	6.978	43	174334	427.126	ug/l #	89
26) 2,2-Dichloropropane	6.966	77	171687	92.785	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	134897	97.075	ug/l	93
28) Bromochloromethane	7.326	49	75289	90.533	ug/l #	80
29) Tetrahydrofuran	7.338	42	117502	449.363	ug/l #	86
30) Chloroform	7.496	83	209362	95.932	ug/l	99
31) Cyclohexane	7.771	56	183887	93.697	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	185249	99.846	ug/l	98
36) 1,1-Dichloropropene	7.905	75	162840	99.600	ug/l	99
37) Ethyl Acetate	7.064	43	78290	89.776	ug/l #	93
38) Carbon Tetrachloride	7.887	117	171101	104.167	ug/l	99
39) Methylcyclohexane	9.173	83	206768	105.060	ug/l	99
40) Benzene	8.149	78	475175	95.622	ug/l	98

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41) Methacrylonitrile	7.313	41	46210m	44.685	ug/l	
42) 1,2-Dichloroethane	8.228	62	126427	98.486	ug/l	98
43) Isopropyl Acetate	8.265	43	147007	96.494	ug/l	93
44) Trichloroethene	8.929	130	135408	101.421	ug/l	100
45) 1,2-Dichloropropane	9.209	63	112055	94.987	ug/l	95
46) Dibromomethane	9.301	93	69466	97.355	ug/l	99
47) Bromodichloromethane	9.490	83	159773	100.641	ug/l	98
48) Methyl methacrylate	9.283	41	69043	103.627	ug/l	91
49) 1,4-Dioxane	9.289	88	17248	2072.608	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	402275	484.754	ug/l	94
52) Toluene	10.240	92	300971	100.996	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	168700	103.207	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	193457	102.618	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	99745	97.804	ug/l	97
56) Ethyl methacrylate	10.502	69	137133	108.320	ug/l	91
57) 1,3-Dichloropropane	10.782	76	165747	99.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	248525	454.310	ug/l	96
59) 2-Hexanone	10.825	43	285762	495.097	ug/l	92
60) Dibromochloromethane	10.977	129	119019	101.273	ug/l	100
61) 1,2-Dibromoethane	11.081	107	97958	100.274	ug/l	99
64) Tetrachloroethene	10.715	164	120473	104.925	ug/l	96
65) Chlorobenzene	11.514	112	323333	98.646	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	114431	97.190	ug/l	98
67) Ethyl Benzene	11.587	91	565769	102.414	ug/l	96
68) m/p-Xylenes	11.697	106	431329	205.393	ug/l	94
69) o-Xylene	12.026	106	204671	102.911	ug/l	94
70) Styrene	12.038	104	348184	102.653	ug/l	99
71) Bromoform	12.203	173	72644	103.237	ug/l	100
73) Isopropylbenzene	12.325	105	543623	106.989	ug/l	100
74) N-amyl acetate	12.142	43	140034	105.397	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	111021	94.732	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	92825m	66.324	ug/l	
77) Bromobenzene	12.605	156	127340	101.303	ug/l	92
78) n-propylbenzene	12.666	91	676450	102.872	ug/l	99
79) 2-Chlorotoluene	12.752	91	387333	101.587	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	455387	105.420	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	41277	100.135	ug/l	94
82) 4-Chlorotoluene	12.849	91	401029	102.627	ug/l	96
83) tert-Butylbenzene	13.075	119	398678	106.972	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	449011	105.465	ug/l	98
85) sec-Butylbenzene	13.251	105	594921	105.047	ug/l	98
86) p-Isopropyltoluene	13.367	119	481141	106.252	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	243817	97.585	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	250127	98.251	ug/l	99
89) n-Butylbenzene	13.696	91	471174	108.098	ug/l	99
90) Hexachloroethane	13.959	117	98601	101.963	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	225302	100.272	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18601	102.160	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	137452	106.277	ug/l	99
94) Hexachlorobutadiene	15.111	225	72439	100.608	ug/l	99
95) Naphthalene	15.233	128	311291	114.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	121997	106.275	ug/l	98

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

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