

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082422\
 Data File : VY010195.D
 Acq On : 24 Aug 2022 14:49
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 25 01:52:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 25 01:46:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	201585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	41663	23.930	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	47.860%#		
35) Dibromofluoromethane	7.710	113	44557	24.176	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	48.360%#		
50) Toluene-d8	10.179	98	159833	25.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	50.140%#		
62) 4-Bromofluorobenzene	12.483	95	59013	24.056	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	48.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27952	18.250	ug/l	99
3) Chloromethane	2.107	50	31968	21.086	ug/l	96
4) Vinyl Chloride	2.241	62	33999	20.516	ug/l	96
5) Bromomethane	2.637	94	29558	22.260	ug/l	99
6) Chloroethane	2.778	64	24363	20.677	ug/l	99
7) Trichlorofluoromethane	3.125	101	46226	24.995	ug/l	96
8) Diethyl Ether	3.521	74	23837	21.836	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	42397	22.638	ug/l	93
10) Methyl Iodide	4.076	142	41430	20.021	ug/l	89
11) Tert butyl alcohol	4.954	59	22342	96.604	ug/l	98
12) 1,1-Dichloroethene	3.863	96	36727	21.901	ug/l	81
13) Acrolein	3.717	56	10043	132.122	ug/l	98
14) Allyl chloride	4.466	41	64272	21.766	ug/l	88
15) Acrylonitrile	5.149	53	65122	110.867	ug/l	98
16) Acetone	3.942	43	55203	114.175	ug/l	91
17) Carbon Disulfide	4.180	76	81401	18.989	ug/l	100
18) Methyl Acetate	4.466	43	33151	20.006	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	111617	22.548	ug/l	97
20) Methylene Chloride	4.704	84	58182	18.347	ug/l #	85
21) trans-1,2-Dichloroethene	5.204	96	42122	21.674	ug/l	86
22) Diisopropyl ether	6.106	45	152729	23.190	ug/l	95
23) Vinyl Acetate	6.045	43	440044	113.442	ug/l	95
24) 1,1-Dichloroethane	6.003	63	83691	22.362	ug/l	99
25) 2-Butanone	6.978	43	86122	107.031	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	73209	21.299	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	51582	22.035	ug/l	89
28) Bromochloromethane	7.326	49	26826	21.383	ug/l	89
29) Tetrahydrofuran	7.338	42	53464	109.206	ug/l	94
30) Chloroform	7.496	83	86497	22.299	ug/l	99
31) Cyclohexane	7.777	56	64546	21.016	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	73037	22.415	ug/l	95
36) 1,1-Dichloropropene	7.911	75	59965	21.820	ug/l	98
37) Ethyl Acetate	7.064	43	37620	21.569	ug/l	97
38) Carbon Tetrachloride	7.893	117	64808	22.300	ug/l	96
39) Methylcyclohexane	9.179	83	65400	21.349	ug/l	93
40) Benzene	8.155	78	184685	22.001	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17008	12.321	ug/l #	48
42) 1,2-Dichloroethane	8.228	62	50802	21.813	ug/l	90
43) Isopropyl Acetate	8.271	43	67352	22.112	ug/l	93
44) Trichloroethene	8.935	130	50574	21.830	ug/l	99
45) 1,2-Dichloropropane	9.209	63	49847	22.621	ug/l	95
46) Dibromomethane	9.301	93	26813	22.064	ug/l	98
47) Bromodichloromethane	9.490	83	67040	22.424	ug/l	97
48) Methyl methacrylate	9.289	41	28873	21.993	ug/l #	85
49) 1,4-Dioxane	9.295	88	5893	416.957	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	183479	109.996	ug/l	92
52) Toluene	10.240	92	117554	22.323	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	65077	21.916	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	77173	22.444	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	40218	21.849	ug/l	97
56) Ethyl methacrylate	10.508	69	49819	22.048	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	66596	22.272	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	115566	127.836	ug/l	97
59) 2-Hexanone	10.831	43	126536	112.059	ug/l	90
60) Dibromochloromethane	10.984	129	48132	22.158	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36923	21.763	ug/l	98
64) Tetrachloroethene	10.715	164	48024	21.913	ug/l	98
65) Chlorobenzene	11.514	112	131549	22.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	50799	23.027	ug/l	97
67) Ethyl Benzene	11.593	91	225209	22.540	ug/l	98
68) m/p-Xylenes	11.703	106	175537	45.738	ug/l	95
69) o-Xylene	12.026	106	84693	23.138	ug/l	92
70) Styrene	12.044	104	143250	22.856	ug/l	96
71) Bromoform	12.203	173	31364	22.573	ug/l #	98
73) Isopropylbenzene	12.331	105	226265	23.729	ug/l	100
74) N-amyl acetate	12.142	43	59834	23.004	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	48576	23.337	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	35011m	14.967	ug/l	
77) Bromobenzene	12.611	156	54639	23.295	ug/l	96
78) n-propylbenzene	12.672	91	281135	23.715	ug/l	100
79) 2-Chlorotoluene	12.758	91	159012	23.849	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	194819	24.064	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16462	23.133	ug/l #	84
82) 4-Chlorotoluene	12.855	91	165035	23.691	ug/l	97
83) tert-Butylbenzene	13.075	119	166308	23.886	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	193761	24.186	ug/l	98
85) sec-Butylbenzene	13.251	105	256808	24.222	ug/l	99
86) p-Isopropyltoluene	13.367	119	209383	24.195	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	112482	23.570	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	112805	23.464	ug/l	99
89) n-Butylbenzene	13.696	91	200176	24.115	ug/l	100
90) Hexachloroethane	13.959	117	42057	23.135	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	101260	23.736	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3883	13.483	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	30040	14.895	ug/l	98
94) Hexachlorobutadiene	15.111	225	18802	15.455	ug/l	98
95) Naphthalene	15.239	128	55527	13.985	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	24995	13.974	ug/l	98

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

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