

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081022\
 Data File : VY009957.D
 Acq On : 10 Aug 2022 17:43
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081022

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 11 14:56:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	78715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	133127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	119489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	30925	50.581	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.160%			
35) Dibromofluoromethane	7.710	113	34714	45.320	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.640%			
50) Toluene-d8	10.173	98	106559	47.308	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.620%			
62) 4-Bromofluorobenzene	12.477	95	52855	49.083	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	26776	42.845	ug/l	98
3) Chloromethane	2.101	50	36000	51.621	ug/l	95
4) Vinyl Chloride	2.235	62	38025	51.868	ug/l	98
5) Bromomethane	2.637	94	27777	60.173	ug/l	96
6) Chloroethane	2.778	64	23397	45.592	ug/l	97
7) Trichlorofluoromethane	3.107	101	71349	47.553	ug/l	99
8) Diethyl Ether	3.515	74	26044	46.142	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.875	101	42787	46.754	ug/l	96
10) Methyl Iodide	4.076	142	50531	47.897	ug/l	100
11) Tert butyl alcohol	4.948	59	19928	259.205	ug/l	96
12) 1,1-Dichloroethene	3.857	96	41742	46.765	ug/l	97
13) Acrolein	3.723	56	29664	249.601	ug/l	97
14) Allyl chloride	4.460	41	73888	49.244	ug/l	97
15) Acrylonitrile	5.143	53	68519	247.743	ug/l	98
16) Acetone	3.936	43	59387	299.893	ug/l	95
17) Carbon Disulfide	4.174	76	133611	45.869	ug/l	100
18) Methyl Acetate	4.466	43	32391	48.376	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	115910	51.102	ug/l	97
20) Methylene Chloride	4.698	84	56132	54.757	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	48999	49.028	ug/l	98
22) Diisopropyl ether	6.106	45	157465	51.693	ug/l	99
23) Vinyl Acetate	6.045	43	502209	265.880	ug/l	98
24) 1,1-Dichloroethane	6.003	63	83934	48.698	ug/l	99
25) 2-Butanone	6.978	43	90561	267.240	ug/l	99
26) 2,2-Dichloropropane	6.972	77	71104	52.251	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	54616	50.304	ug/l	97
28) Bromochloromethane	7.320	49	38068	51.761	ug/l	95
29) Tetrahydrofuran	7.338	42	59788	256.695	ug/l	99
30) Chloroform	7.496	83	83785	48.937	ug/l	100
31) Cyclohexane	7.771	56	79326	47.069	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	71969	50.126	ug/l	98
36) 1,1-Dichloropropene	7.911	75	64851	48.636	ug/l	99
37) Ethyl Acetate	7.063	43	39703	50.970	ug/l	99
38) Carbon Tetrachloride	7.893	117	64849	50.777	ug/l	100
39) Methylcyclohexane	9.179	83	79647	49.659	ug/l	97
40) Benzene	8.149	78	193750	48.097	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21888m	53.769	ug/l	
42) 1,2-Dichloroethane	8.228	62	53936	51.094	ug/l	100
43) Isopropyl Acetate	8.264	43	71650	51.375	ug/l	99
44) Trichloroethene	8.935	130	50686	49.200	ug/l	91
45) 1,2-Dichloropropane	9.209	63	49417	49.269	ug/l	99
46) Dibromomethane	9.301	93	28172	49.476	ug/l	94
47) Bromodichloromethane	9.490	83	64074	49.900	ug/l	99
48) Methyl methacrylate	9.289	41	32847	53.220	ug/l	94
49) 1,4-Dioxane	9.289	88	6013	1028.431	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	195949	260.255	ug/l	99
52) Toluene	10.240	92	120903	48.876	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	66861	50.615	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	77261	50.002	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	39127	47.430	ug/l	98
56) Ethyl methacrylate	10.508	69	54097	53.201	ug/l	98
57) 1,3-Dichloropropane	10.788	76	65709	47.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	140160	264.540	ug/l	97
59) 2-Hexanone	10.831	43	139120	268.130	ug/l	99
60) Dibromochloromethane	10.977	129	45529	49.210	ug/l	100
61) 1,2-Dibromoethane	11.087	107	37146	48.568	ug/l	99
64) Tetrachloroethene	10.715	164	44868	47.978	ug/l	96
65) Chlorobenzene	11.514	112	127805	49.173	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	45763	49.446	ug/l	98
67) Ethyl Benzene	11.587	91	227347	50.269	ug/l	97
68) m/p-Xylenes	11.697	106	177192	101.161	ug/l	95
69) o-Xylene	12.026	106	83681	51.465	ug/l	95
70) Styrene	12.038	104	143980	52.572	ug/l	99
71) Bromoform	12.203	173	28346	51.598	ug/l #	99
73) Isopropylbenzene	12.325	105	218083	50.280	ug/l	99
74) N-amyl acetate	12.142	43	67292	51.481	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	46487	47.959	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	32028m	49.530	ug/l	
77) Bromobenzene	12.605	156	50376	48.503	ug/l	90
78) n-propylbenzene	12.666	91	278402	50.067	ug/l	98
79) 2-Chlorotoluene	12.751	91	155656	49.501	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	186729	51.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	17118	51.529	ug/l	96
82) 4-Chlorotoluene	12.849	91	163831	49.988	ug/l	98
83) tert-Butylbenzene	13.075	119	160403	51.682	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	182741	51.316	ug/l	99
85) sec-Butylbenzene	13.251	105	244049	50.647	ug/l	97
86) p-Isopropyltoluene	13.367	119	199843	51.671	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	100692	48.205	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	101616	47.696	ug/l	97
89) n-Butylbenzene	13.690	91	194309	50.698	ug/l	98
90) Hexachloroethane	13.959	117	38273	47.353	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	93520	49.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7063	47.749	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	51849	49.789	ug/l	99
94) Hexachlorobutadiene	15.111	225	27866	47.382	ug/l	99
95) Naphthalene	15.233	128	111697	50.374	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	45685	48.797	ug/l	98

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

