

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083022\
 Data File : VY010225.D
 Acq On : 30 Aug 2022 18:15
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2022
 Supervised By :Mahesh Dadoda 08/31/2022

Quant Time: Aug 31 01:32:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 01:28:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	198617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	342723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	294630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	9374	4.377	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	8.760%#		
35) Dibromofluoromethane	7.710	113	11668	5.314	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.620%#		
50) Toluene-d8	10.173	98	31712	3.749	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	7.500%#		
62) 4-Bromofluorobenzene	12.477	95	22886	7.688	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	15.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	16526	11.218	ug/l	99
3) Chloromethane	2.107	50	16277	9.330	ug/l	97
4) Vinyl Chloride	2.235	62	17885	9.161	ug/l	98
5) Bromomethane	2.637	94	15289	11.097	ug/l	94
6) Chloroethane	2.778	64	11935	9.138	ug/l	97
7) Trichlorofluoromethane	3.113	101	33072	10.334	ug/l	94
8) Diethyl Ether	3.521	74	10839	9.540	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.887	101	18447	9.298	ug/l	87
10) Methyl Iodide	4.076	142	21846	8.941	ug/l	91
11) Tert butyl alcohol	4.948	59	9425	23.969	ug/l	96
12) 1,1-Dichloroethene	3.857	96	18584	9.765	ug/l #	76
13) Acrolein	3.717	56	10544	95.217	ug/l	98
14) Allyl chloride	4.460	41	25459	7.802	ug/l #	90
15) Acrylonitrile	5.143	53	23910	38.760	ug/l	99
16) Acetone	3.942	43	18647	35.948	ug/l	92
17) Carbon Disulfide	4.180	76	57696	10.862	ug/l	97
18) Methyl Acetate	4.466	43	11930	6.634	ug/l #	85
19) Methyl tert-butyl Ether	5.210	73	47535	8.561	ug/l	91
20) Methylene Chloride	4.704	84	23571	6.796	ug/l #	72
21) trans-1,2-Dichloroethene	5.204	96	20420	9.252	ug/l	86
22) Diisopropyl ether	6.112	45	50302	7.426	ug/l #	92
23) Vinyl Acetate	6.051	43	157791	37.952	ug/l #	89
24) 1,1-Dichloroethane	6.003	63	32165	8.251	ug/l	94
25) 2-Butanone	6.972	43	30673	37.206	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	30002	8.145	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	22714	8.874	ug/l	85
28) Bromochloromethane	7.320	49	7852	4.798	ug/l #	57
29) Tetrahydrofuran	7.338	42	18874	36.024	ug/l #	79
30) Chloroform	7.496	83	35142	8.682	ug/l	100
31) Cyclohexane	7.777	56	29962	8.233	ug/l #	79
32) 1,1,1-Trichloroethane	7.691	97	32635	9.113	ug/l	94
36) 1,1-Dichloropropene	7.905	75	26843	8.085	ug/l	93
37) Ethyl Acetate	7.064	43	13401	6.785	ug/l #	92
38) Carbon Tetrachloride	7.893	117	31598	8.962	ug/l	98
39) Methylcyclohexane	9.179	83	39077	9.569	ug/l	95
40) Benzene	8.155	78	86058	8.812	ug/l	96

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41) Methacrylonitrile	7.313	41	7904m	7.327	ug/l	
42) 1,2-Dichloroethane	8.228	62	25765	9.075	ug/l	88
43) Isopropyl Acetate	8.271	43	31676	8.753	ug/l #	90
44) Trichloroethene	8.935	130	27786	9.908	ug/l	93
45) 1,2-Dichloropropane	9.209	63	23625	9.570	ug/l	90
46) Dibromomethane	9.301	93	14075	9.776	ug/l	98
47) Bromodichloromethane	9.490	83	30828	9.050	ug/l	98
48) Methyl methacrylate	9.289	41	13730	8.613	ug/l #	85
49) 1,4-Dioxane	9.295	88	2888	143.740	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	82963	43.801	ug/l	92
52) Toluene	10.240	92	58085	9.337	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	32455	9.178	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	37688	9.428	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	19649	9.747	ug/l	98
56) Ethyl methacrylate	10.508	69	24087	9.040	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	32253	9.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	48443	45.362	ug/l	95
59) 2-Hexanone	10.831	43	62814	48.848	ug/l	91
60) Dibromochloromethane	10.977	129	24343	9.764	ug/l	99
61) 1,2-Dibromoethane	11.087	107	19466	9.812	ug/l	98
64) Tetrachloroethene	10.715	164	26946	9.580	ug/l	97
65) Chlorobenzene	11.514	112	63059	9.605	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	23532	9.701	ug/l	96
67) Ethyl Benzene	11.587	91	105759	9.321	ug/l	97
68) m/p-Xylenes	11.703	106	86620	19.377	ug/l	91
69) o-Xylene	12.026	106	39457	9.303	ug/l	93
70) Styrene	12.044	104	65375	9.254	ug/l	96
71) Bromoform	12.203	173	15795	10.381	ug/l #	100
73) Isopropylbenzene	12.325	105	104897	8.698	ug/l	100
74) N-amyl acetate	12.142	43	27931	8.765	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	24688	10.759	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	17096m	9.547	ug/l	
77) Bromobenzene	12.605	156	27354	9.212	ug/l	94
78) n-propylbenzene	12.672	91	132911	9.184	ug/l	99
79) 2-Chlorotoluene	12.758	91	76513	9.338	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	91415	9.075	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	7504	8.898	ug/l #	84
82) 4-Chlorotoluene	12.855	91	79603	9.301	ug/l	98
83) tert-Butylbenzene	13.075	119	79203	9.005	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	89840	9.127	ug/l	96
85) sec-Butylbenzene	13.251	105	118335	9.034	ug/l	99
86) p-Isopropyltoluene	13.367	119	97871	8.950	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	55138	9.603	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	55875	9.695	ug/l	98
89) n-Butylbenzene	13.696	91	88855	8.719	ug/l	99
90) Hexachloroethane	13.959	117	19473	9.216	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	49060	9.431	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3589	8.515	ug/l	67
93) 1,2,4-Trichlorobenzene	15.007	180	28892	8.953	ug/l	100
94) Hexachlorobutadiene	15.111	225	18141	10.318	ug/l	96
95) Naphthalene	15.233	128	53740	8.311	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	25596	9.189	ug/l	98

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

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