

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061522\
 Data File : VY009184.D
 Acq On : 15 Jun 2022 14:03
 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 :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 02:23:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:21:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	169899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	18027	9.868	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.740%#		
35) Dibromofluoromethane	7.710	113	17278	9.628	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.260%#		
50) Toluene-d8	10.173	98	67089	9.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.900%#		
62) 4-Bromofluorobenzene	12.477	95	23201	9.307	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	13815	9.364	ug/l	99
3) Chloromethane	2.107	50	17580	8.421	ug/l	90
4) Vinyl Chloride	2.241	62	18392	6.132	ug/l #	88
5) Bromomethane	2.638	94	13099	4.437	ug/l	88
6) Chloroethane	2.784	64	10981	5.166	ug/l	98
7) Trichlorofluoromethane	3.113	101	27961	10.174	ug/l	98
8) Diethyl Ether	3.515	74	9472	10.540	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	15653	9.252	ug/l	97
10) Methyl Iodide	4.082	142	19418	10.808	ug/l #	88
11) Tert butyl alcohol	4.930	59	14360	79.187	ug/l	99
12) 1,1-Dichloroethene	3.857	96	15791	9.913	ug/l	82
13) Acrolein	3.717	56	3632	60.060	ug/l	99
14) Allyl chloride	4.473	41	29020	11.667	ug/l	92
15) Acrylonitrile	5.155	53	26273	52.484	ug/l	97
16) Acetone	3.942	43	22121	59.385	ug/l #	85
17) Carbon Disulfide	4.180	76	47325	9.280	ug/l	98
18) Methyl Acetate	4.466	43	13880	12.037	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	45772	9.531	ug/l	100
20) Methylene Chloride	4.704	84	24398	9.175	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	18135	8.890	ug/l	94
22) Diisopropyl ether	6.112	45	60913	10.467	ug/l	91
23) Vinyl Acetate	6.052	43	189375	49.464	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	33185	9.619	ug/l	95
25) 2-Butanone	6.978	43	34969	53.267	ug/l	95
26) 2,2-Dichloropropane	6.972	77	29904	9.502	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	21896	9.532	ug/l	89
28) Bromochloromethane	7.326	49	14361	11.511	ug/l	89
29) Tetrahydrofuran	7.344	42	23873	53.600	ug/l	95
30) Chloroform	7.496	83	33630	9.102	ug/l	99
31) Cyclohexane	7.777	56	34501	10.205	ug/l #	90
32) 1,1,1-Trichloroethane	7.698	97	30105	9.054	ug/l	98
36) 1,1-Dichloropropene	7.911	75	27214	9.371	ug/l	98
37) Ethyl Acetate	7.070	43	16682	10.854	ug/l #	97
38) Carbon Tetrachloride	7.893	117	26895	8.897	ug/l	91
39) Methylcyclohexane	9.179	83	31965	8.663	ug/l	89
40) Benzene	8.155	78	76843	9.198	ug/l	95

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Quant Title : SW846 8260

QLast Update : Thu Jun 16 02:21:19 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8187m	10.310	ug/l	
42) 1,2-Dichloroethane	8.234	62	22470	9.184	ug/l	92
43) Isopropyl Acetate	8.271	43	28649	10.093	ug/l #	95
44) Trichloroethene	8.935	130	21931	9.797	ug/l	98
45) 1,2-Dichloropropane	9.210	63	19970	9.874	ug/l	95
46) Dibromomethane	9.301	93	10920	8.621	ug/l	97
47) Bromodichloromethane	9.490	83	26012	8.926	ug/l	99
48) Methyl methacrylate	9.289	41	12312	9.715	ug/l	90
49) 1,4-Dioxane	9.289	88	3065	178.568	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	77533	50.162	ug/l	95
52) Toluene	10.240	92	49763	8.725	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	27211	8.876	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	31261	9.343	ug/l	88
55) 1,1,2-Trichloroethane	10.636	97	15660	8.836	ug/l	98
56) Ethyl methacrylate	10.502	69	21004	9.236	ug/l	85
57) 1,3-Dichloropropane	10.788	76	26815	9.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	46041	47.089	ug/l	96
59) 2-Hexanone	10.831	43	53605	50.945	ug/l	95
60) Dibromochloromethane	10.977	129	18444	8.607	ug/l	100
61) 1,2-Dibromoethane	11.081	107	14840	8.481	ug/l	95
64) Tetrachloroethene	10.715	164	23799	12.312	ug/l	98
65) Chlorobenzene	11.514	112	53823	9.380	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	19764	9.443	ug/l	96
67) Ethyl Benzene	11.587	91	93258	9.135	ug/l	95
68) m/p-Xylenes	11.697	106	75438	18.452	ug/l	89
69) o-Xylene	12.026	106	34365	8.998	ug/l	95
70) Styrene	12.038	104	58065	8.959	ug/l	94
71) Bromoform	12.203	173	12181	8.907	ug/l #	99
73) Isopropylbenzene	12.325	105	91810	9.613	ug/l	99
74) N-amyl acetate	12.142	43	25877	11.437	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.575	83	18121	9.256	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	15200m	10.827	ug/l	
77) Bromobenzene	12.605	156	22258	9.922	ug/l	96
78) n-propylbenzene	12.666	91	113732	9.714	ug/l	99
79) 2-Chlorotoluene	12.752	91	62193	9.790	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	78018	9.846	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	6525	9.706	ug/l	87
82) 4-Chlorotoluene	12.849	91	65875	9.832	ug/l	96
83) tert-Butylbenzene	13.069	119	67779	9.606	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	74400	9.480	ug/l	94
85) sec-Butylbenzene	13.251	105	102848	9.656	ug/l	99
86) p-Isopropyltoluene	13.367	119	83833	9.454	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	44144	9.520	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	45347	9.703	ug/l	98
89) n-Butylbenzene	13.690	91	78926	9.648	ug/l	99
90) Hexachloroethane	13.959	117	16036	9.554	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	39448	9.533	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3323	10.642	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	24108	10.213	ug/l	98
94) Hexachlorobutadiene	15.111	225	13207	10.280	ug/l	94
95) Naphthalene	15.233	128	46410	9.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	21001	10.206	ug/l	99

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

