

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008367.D
 Acq On : 18 Apr 2022 12:38
 Operator : KP/MD
 Sample : VY0418SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 19 06:28:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	131510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50471	40.857	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.720%		
35) Dibromofluoromethane	7.716	113	50859	39.809	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.620%		
50) Toluene-d8	10.179	98	171481	39.226	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.460%		
62) 4-Bromofluorobenzene	12.483	95	64179	39.032	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19066	17.506	ug/l	99
3) Chloromethane	2.113	50	24626	16.197	ug/l	97
4) Vinyl Chloride	2.253	62	32883	17.551	ug/l	95
5) Bromomethane	2.644	94	30449	18.015	ug/l	89
6) Chloroethane	2.790	64	23545	17.943	ug/l	97
7) Trichlorofluoromethane	3.125	101	40339	18.095	ug/l	93
8) Diethyl Ether	3.528	74	13697	17.001	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.900	101	26074	18.006	ug/l	92
10) Methyl Iodide	4.095	142	25543	17.421	ug/l	89
11) Tert butyl alcohol	4.948	59	21006	159.059	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	22638	17.452	ug/l #	76
13) Acrolein	3.729	56	5631	54.152	ug/l	100
14) Allyl chloride	4.479	41	29822	17.616	ug/l #	89
15) Acrylonitrile	5.162	53	34848	88.436	ug/l	98
16) Acetone	3.948	43	27745	93.380	ug/l #	87
17) Carbon Disulfide	4.198	76	57460	16.791	ug/l	98
18) Methyl Acetate	4.479	43	17138	20.082	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	70040	17.497	ug/l	98
20) Methylene Chloride	4.716	84	32701	15.475	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	26442	17.014	ug/l #	76
22) Diisopropyl ether	6.125	45	71203	17.828	ug/l #	92
23) Vinyl Acetate	6.058	43	224971	86.932	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	46264	18.046	ug/l	96
25) 2-Butanone	6.984	43	42490	91.456	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	43776	18.542	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	31291	16.970	ug/l	84
28) Bromochloromethane	7.338	49	15125	15.392	ug/l #	74
29) Tetrahydrofuran	7.350	42	27163	90.556	ug/l #	72
30) Chloroform	7.509	83	50660	17.697	ug/l	97
31) Cyclohexane	7.789	56	39088	17.498	ug/l	85
32) 1,1,1-Trichloroethane	7.704	97	44716	17.856	ug/l	96
36) 1,1-Dichloropropene	7.917	75	35342	17.324	ug/l	96
37) Ethyl Acetate	7.070	43	20647	19.628	ug/l #	91
38) Carbon Tetrachloride	7.899	117	38956	17.749	ug/l	96
39) Methylcyclohexane	9.185	83	45849	17.467	ug/l #	87
40) Benzene	8.161	78	106994	17.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	10495m	17.834	ug/l	
42) 1,2-Dichloroethane	8.234	62	31930	18.116	ug/l	91
43) Isopropyl Acetate	8.277	43	35578	18.224	ug/l #	85
44) Trichloroethene	8.941	130	29672	17.138	ug/l	100
45) 1,2-Dichloropropane	9.216	63	26305	17.725	ug/l	91
46) Dibromomethane	9.307	93	17284	17.596	ug/l	94
47) Bromodichloromethane	9.496	83	39363	17.819	ug/l	95
48) Methyl methacrylate	9.295	41	15517	18.697	ug/l #	76
49) 1,4-Dioxane	9.295	88	4860	383.407	ug/l #	70
51) 4-Methyl-2-Pentanone	10.069	43	97821	97.036	ug/l #	85
52) Toluene	10.246	92	69685	17.410	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	39533	17.560	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	44661	17.584	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	24696	17.626	ug/l	96
56) Ethyl methacrylate	10.508	69	30337	17.660	ug/l #	78
57) 1,3-Dichloropropane	10.789	76	39449	17.533	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	58006	85.724	ug/l	90
59) 2-Hexanone	10.831	43	65210	94.008	ug/l	81
60) Dibromochloromethane	10.984	129	27824	17.000	ug/l	100
61) 1,2-Dibromoethane	11.087	107	23425	17.100	ug/l	98
64) Tetrachloroethene	10.721	164	26083	18.395	ug/l	96
65) Chlorobenzene	11.514	112	78256	17.936	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	28519	17.517	ug/l	96
67) Ethyl Benzene	11.593	91	135103	18.209	ug/l	98
68) m/p-Xylenes	11.703	106	106252	36.008	ug/l	92
69) o-Xylene	12.032	106	50808	17.743	ug/l	91
70) Styrene	12.044	104	84178	17.825	ug/l	95
71) Bromoform	12.209	173	16743	17.061	ug/l #	98
73) Isopropylbenzene	12.331	105	134764	18.828	ug/l	100
74) N-amyl acetate	12.142	43	30599	19.691	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	29877	19.727	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	22013m	20.674	ug/l	
77) Bromobenzene	12.611	156	31206	17.792	ug/l	95
78) n-propylbenzene	12.672	91	160992	19.061	ug/l	100
79) 2-Chlorotoluene	12.758	91	88922	18.760	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	110527	18.832	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9280	19.501	ug/l #	84
82) 4-Chlorotoluene	12.855	91	94397	19.379	ug/l	98
83) tert-Butylbenzene	13.075	119	97912	18.596	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	109574	18.865	ug/l	97
85) sec-Butylbenzene	13.258	105	148392	19.010	ug/l	99
86) p-Isopropyltoluene	13.373	119	120974	18.571	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	62123	17.884	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	61942	18.017	ug/l	99
89) n-Butylbenzene	13.697	91	113838	19.343	ug/l	99
90) Hexachloroethane	13.965	117	22747	18.683	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	56330	18.227	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4078	18.819	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	30409	16.636	ug/l	99
94) Hexachlorobutadiene	15.111	225	15904	17.138	ug/l	96
95) Naphthalene	15.239	128	64952	16.588	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	27156	16.977	ug/l	98

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

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