

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007542.D
 Acq On : 18 Feb 2022 13:04
 Operator : SY/MD
 Sample : VY0218SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/21/2022
 Supervised By :Mahesh Dadoda 02/21/2022

Quant Time: Feb 19 04:19:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	90410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44733	44.815	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.620%		
35) Dibromofluoromethane	7.716	113	40416	45.379	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.760%		
50) Toluene-d8	10.179	98	137217	40.564	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.120%		
62) 4-Bromofluorobenzene	12.477	95	49181	42.878	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24373	24.369	ug/l	99
3) Chloromethane	2.113	50	19780	21.002	ug/l	97
4) Vinyl Chloride	2.247	62	21210	21.078	ug/l	99
5) Bromomethane	2.638	94	15029	23.532	ug/l	94
6) Chloroethane	2.790	64	13161	22.103	ug/l	98
7) Trichlorofluoromethane	3.119	101	45181	23.621	ug/l	98
8) Diethyl Ether	3.528	74	11898	21.523	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	23143	22.005	ug/l	96
10) Methyl Iodide	4.088	142	24846	19.138	ug/l	97
11) Tert butyl alcohol	4.960	59	10582	135.524	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	20776	21.163	ug/l	82
13) Acrolein	3.723	56	8140	103.813	ug/l	99
14) Allyl chloride	4.479	41	22815	16.535	ug/l #	78
15) Acrylonitrile	5.155	53	25247	103.743	ug/l	98
16) Acetone	3.948	43	24045	90.795	ug/l	91
17) Carbon Disulfide	4.192	76	56346	19.927	ug/l	99
18) Methyl Acetate	4.473	43	11449	19.152	ug/l #	78
19) Methyl tert-butyl Ether	5.222	73	58613	21.528	ug/l #	90
20) Methylene Chloride	4.710	84	21733	20.023	ug/l #	81
21) trans-1,2-Dichloroethene	5.222	96	22040	20.548	ug/l #	80
22) Diisopropyl ether	6.119	45	49081	16.920	ug/l #	92
23) Vinyl Acetate	6.058	43	166947	90.208	ug/l #	85
24) 1,1-Dichloroethane	6.021	63	34045	18.778	ug/l	99
25) 2-Butanone	6.984	43	30413	92.752	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	36051	19.845	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	23823	19.925	ug/l	85
28) Bromochloromethane	7.332	49	11226	16.156	ug/l #	50
29) Tetrahydrofuran	7.344	42	18893	98.186	ug/l #	68
30) Chloroform	7.502	83	40726	20.810	ug/l	98
31) Cyclohexane	7.783	56	30651	17.364	ug/l #	71
32) 1,1,1-Trichloroethane	7.698	97	40295	21.620	ug/l	95
36) 1,1-Dichloropropene	7.917	75	29409	20.381	ug/l	95
37) Ethyl Acetate	7.076	43	14034	21.526	ug/l #	93
38) Carbon Tetrachloride	7.899	117	37030	22.585	ug/l	98
39) Methylcyclohexane	9.179	83	38046	20.308	ug/l #	84
40) Benzene	8.155	78	78806	19.863	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	8806m	20.806	ug/l	
42) 1,2-Dichloroethane	8.234	62	25766	21.253	ug/l	95
43) Isopropyl Acetate	8.271	43	26866	20.289	ug/l #	87
44) Trichloroethene	8.935	130	24851	22.080	ug/l	93
45) 1,2-Dichloropropane	9.216	63	18195	19.288	ug/l	91
46) Dibromomethane	9.307	93	13395	22.866	ug/l	96
47) Bromodichloromethane	9.496	83	30076	21.142	ug/l #	99
48) Methyl methacrylate	9.289	41	11789	20.090	ug/l #	70
49) 1,4-Dioxane	9.301	88	3331	528.213	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	67092	102.023	ug/l #	85
52) Toluene	10.240	92	51677	20.314	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	31030	20.891	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	34123	20.588	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	17382	22.372	ug/l	97
56) Ethyl methacrylate	10.508	69	22966	21.981	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	29073	21.728	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	52151	95.794	ug/l #	84
59) 2-Hexanone	10.831	43	48428	102.003	ug/l	85
60) Dibromochloromethane	10.984	129	23374	23.857	ug/l	99
61) 1,2-Dibromoethane	11.087	107	17561	22.669	ug/l	100
64) Tetrachloroethene	10.721	164	22735	22.742	ug/l	95
65) Chlorobenzene	11.514	112	58290	20.994	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	23458	22.371	ug/l	97
67) Ethyl Benzene	11.593	91	105185	20.242	ug/l	100
68) m/p-Xylenes	11.703	106	79327	40.337	ug/l	100
69) o-Xylene	12.026	106	37910	20.373	ug/l	98
70) Styrene	12.044	104	63284	20.684	ug/l	99
71) Bromoform	12.203	173	14086	24.389	ug/l #	98
73) Isopropylbenzene	12.325	105	107362	19.986	ug/l	99
74) N-amyl acetate	12.142	43	23303	19.162	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	18922	20.565	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	14493m	20.686	ug/l	
77) Bromobenzene	12.605	156	23760	20.598	ug/l	91
78) n-propylbenzene	12.672	91	126280	19.536	ug/l	98
79) 2-Chlorotoluene	12.752	91	69507	19.505	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	89517	20.118	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	6528	19.366	ug/l	94
82) 4-Chlorotoluene	12.855	91	69571	19.044	ug/l	99
83) tert-Butylbenzene	13.075	119	79882	20.541	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	86325	20.009	ug/l	100
85) sec-Butylbenzene	13.251	105	113593	19.815	ug/l	99
86) p-Isopropyltoluene	13.367	119	94958	20.110	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	46705	20.797	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	45707	20.511	ug/l	99
89) n-Butylbenzene	13.697	91	89112	19.845	ug/l	99
90) Hexachloroethane	13.959	117	18515	20.520	ug/l	84
91) 1,2-Dichlorobenzene	13.733	146	42635	21.556	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3806	24.364	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	27474	23.203	ug/l	99
94) Hexachlorobutadiene	15.111	225	16079	23.412	ug/l	98
95) Naphthalene	15.233	128	60160	23.320	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24225	23.658	ug/l	95

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

