

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007429.D
 Acq On : 08 Feb 2022 13:11
 Operator : SY/MD
 Sample : VY0208SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0208SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2022
 Supervised By :Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 00:52:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	122385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68092	48.370	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.740%		
35) Dibromofluoromethane	7.722	113	61643	46.786	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.580%		
50) Toluene-d8	10.179	98	223982	46.014	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.020%		
62) 4-Bromofluorobenzene	12.483	95	75480	45.622	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31958	22.303	ug/l	97
3) Chloromethane	2.113	50	32977	18.907	ug/l	92
4) Vinyl Chloride	2.253	62	34146	20.209	ug/l	99
5) Bromomethane	2.650	94	23664	23.121	ug/l	100
6) Chloroethane	2.796	64	21662	20.875	ug/l	100
7) Trichlorofluoromethane	3.131	101	56813	20.749	ug/l	97
8) Diethyl Ether	3.527	74	16836	20.715	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	32104	20.819	ug/l	93
10) Methyl Iodide	4.094	142	34450	20.723	ug/l	97
11) Tert butyl alcohol	4.954	59	13364	42.693	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	29408	20.645	ug/l	89
13) Acrolein	3.729	56	16376	86.596	ug/l	99
14) Allyl chloride	4.485	41	44344	20.268	ug/l #	95
15) Acrylonitrile	5.167	53	39225	102.723	ug/l	98
16) Acetone	3.948	43	41318	90.373	ug/l	94
17) Carbon Disulfide	4.198	76	90810	20.307	ug/l	99
18) Methyl Acetate	4.479	43	18335	21.411	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	82441	20.543	ug/l	98
20) Methylene Chloride	4.716	84	32580	20.640	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	32312	20.504	ug/l	88
22) Diisopropyl ether	6.119	45	94398	20.592	ug/l #	93
23) Vinyl Acetate	6.058	43	298490	99.837	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	57007	20.590	ug/l	98
25) 2-Butanone	6.984	43	54108	97.955	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	53218	20.088	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	35108	20.170	ug/l	91
28) Bromochloromethane	7.332	49	22417	20.707	ug/l	91
29) Tetrahydrofuran	7.344	42	33284	104.275	ug/l #	86
30) Chloroform	7.508	83	59619	20.700	ug/l	98
31) Cyclohexane	7.789	56	54289	19.764	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	54912	20.514	ug/l	95
36) 1,1-Dichloropropene	7.917	75	45521	19.763	ug/l	98
37) Ethyl Acetate	7.070	43	22602	19.737	ug/l	95
38) Carbon Tetrachloride	7.905	117	48697	20.123	ug/l	97
39) Methylcyclohexane	9.185	83	59571	20.594	ug/l	90
40) Benzene	8.161	78	123106	20.163	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11833m	20.794	ug/l	
42) 1,2-Dichloroethane	8.234	62	38604	20.800	ug/l	94
43) Isopropyl Acetate	8.277	43	43207	20.175	ug/l #	91
44) Trichloroethene	8.941	130	34471	20.881	ug/l	96
45) 1,2-Dichloropropane	9.216	63	30432	20.214	ug/l	91
46) Dibromomethane	9.307	93	18279	20.407	ug/l	90
47) Bromodichloromethane	9.496	83	44219	20.415	ug/l	99
48) Methyl methacrylate	9.295	41	19485	20.119	ug/l #	86
49) 1,4-Dioxane	9.295	88	4341	442.443	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	110856	102.065	ug/l	91
52) Toluene	10.246	92	79686	20.715	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	46337	20.478	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	52113	20.562	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	24742	21.032	ug/l	96
56) Ethyl methacrylate	10.508	69	33452	20.473	ug/l #	83
57) 1,3-Dichloropropane	10.794	76	43339	20.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	86849	102.183	ug/l	96
59) 2-Hexanone	10.831	43	79383	100.252	ug/l	91
60) Dibromochloromethane	10.983	129	30100	20.553	ug/l	97
61) 1,2-Dibromoethane	11.087	107	24262	20.846	ug/l	100
64) Tetrachloroethene	10.721	164	29572	20.904	ug/l	95
65) Chlorobenzene	11.514	112	82789	20.645	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	31079	20.761	ug/l	97
67) Ethyl Benzene	11.593	91	155727	20.465	ug/l	98
68) m/p-Xylenes	11.703	106	115296	40.909	ug/l	99
69) o-Xylene	12.032	106	55271	20.742	ug/l	99
70) Styrene	12.044	104	91475	20.825	ug/l	97
71) Bromoform	12.209	173	16974	20.552	ug/l #	98
73) Isopropylbenzene	12.331	105	151217	20.122	ug/l	97
74) N-amyl acetate	12.142	43	37466	20.141	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	27824	20.274	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21660m	22.158	ug/l	
77) Bromobenzene	12.611	156	31669	20.006	ug/l	98
78) n-propylbenzene	12.672	91	183780	20.190	ug/l	98
79) 2-Chlorotoluene	12.758	91	101477	20.135	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	122373	19.961	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	10131	20.763	ug/l	86
82) 4-Chlorotoluene	12.855	91	101938	19.694	ug/l	100
83) tert-Butylbenzene	13.075	119	106770	20.006	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	122865	20.355	ug/l	98
85) sec-Butylbenzene	13.257	105	162975	20.359	ug/l	98
86) p-Isopropyltoluene	13.367	119	134295	20.594	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	62534	20.375	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	62031	20.275	ug/l	98
89) n-Butylbenzene	13.696	91	128441	20.464	ug/l	99
90) Hexachloroethane	13.965	117	25347	20.568	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	55205	20.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4487	20.119	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	32290	20.183	ug/l	97
94) Hexachlorobutadiene	15.111	225	18739	21.158	ug/l	99
95) Naphthalene	15.239	128	69851	21.010	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	28463	21.076	ug/l	98

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

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