

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007428.D
 Acq On : 08 Feb 2022 12:30
 Operator : SY/MD
 Sample : VY0208SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0208SBS01

Quant Time: Feb 09 00:51:28 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76563	50.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.840%			
35) Dibromofluoromethane	7.721	113	73607	52.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.260%			
50) Toluene-d8	10.178	98	274306	52.584	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.160%			
62) 4-Bromofluorobenzene	12.483	95	90967	51.306	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	31529	20.398	ug/l	98
3) Chloromethane	2.113	50	33919	17.858	ug/l	98
4) Vinyl Chloride	2.253	62	34349	18.845	ug/l	98
5) Bromomethane	2.643	94	24093	21.823	ug/l	98
6) Chloroethane	2.789	64	21673	19.361	ug/l	99
7) Trichlorofluoromethane	3.125	101	58899	19.941	ug/l	93
8) Diethyl Ether	3.527	74	17241	19.665	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	32846	19.745	ug/l	92
10) Methyl Iodide	4.094	142	34907	19.465	ug/l	94
11) Tert butyl alcohol	4.960	59	14073	40.257	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	30022	19.538	ug/l	88
13) Acrolein	3.728	56	16698	81.855	ug/l	95
14) Allyl chloride	4.478	41	43802	18.559	ug/l #	93
15) Acrylonitrile	5.161	53	39408	95.671	ug/l	97
16) Acetone	3.948	43	38886	78.847	ug/l	95
17) Carbon Disulfide	4.198	76	90804	18.824	ug/l	100
18) Methyl Acetate	4.478	43	18776	20.326	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	82741	19.113	ug/l	97
20) Methylene Chloride	4.716	84	32759	19.075	ug/l #	85
21) trans-1,2-Dichloroethene	5.222	96	32125	18.898	ug/l	92
22) Diisopropyl ether	6.118	45	93626	18.933	ug/l	97
23) Vinyl Acetate	6.057	43	306677	95.090	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	56713	18.989	ug/l	99
25) 2-Butanone	6.984	43	53271	89.402	ug/l #	84
26) 2,2-Dichloropropane	6.984	77	52869	18.500	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	36103	19.228	ug/l	90
28) Bromochloromethane	7.331	49	21817	18.682	ug/l #	88
29) Tetrahydrofuran	7.343	42	33891	98.429	ug/l #	84
30) Chloroform	7.508	83	60344	19.423	ug/l	99
31) Cyclohexane	7.789	56	55275	18.655	ug/l	88
32) 1,1,1-Trichloroethane	7.703	97	55535	19.232	ug/l	95
36) 1,1-Dichloropropene	7.917	75	47275	19.152	ug/l	99
37) Ethyl Acetate	7.075	43	23656	19.276	ug/l	98
38) Carbon Tetrachloride	7.898	117	49963	19.266	ug/l	97
39) Methylcyclohexane	9.185	83	59979	19.348	ug/l	91
40) Benzene	8.160	78	127112	19.427	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	14048m	23.036	ug/l	
42) 1,2-Dichloroethane	8.234	62	38751	19.483	ug/l	94
43) Isopropyl Acetate	8.270	43	44735	19.492	ug/l #	92
44) Trichloroethene	8.941	130	34411	19.451	ug/l	95
45) 1,2-Dichloropropane	9.215	63	31187	19.330	ug/l	99
46) Dibromomethane	9.307	93	18921	19.712	ug/l	91
47) Bromodichloromethane	9.496	83	45790	19.727	ug/l	99
48) Methyl methacrylate	9.294	41	20348	19.605	ug/l #	88
49) 1,4-Dioxane	9.307	88	4418	420.180	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	113375	97.404	ug/l	92
52) Toluene	10.245	92	80569	19.544	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	46391	19.131	ug/l	96
54) cis-1,3-Dichloropropene	9.928	75	52507	19.332	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	25034	19.858	ug/l	98
56) Ethyl methacrylate	10.508	69	34059	19.451	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	43986	19.679	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	85481	93.848	ug/l	95
59) 2-Hexanone	10.831	43	78601	92.626	ug/l	90
60) Dibromochloromethane	10.983	129	30262	19.282	ug/l	96
61) 1,2-Dibromoethane	11.087	107	24133	19.349	ug/l	96
64) Tetrachloroethene	10.721	164	29900	19.812	ug/l	93
65) Chlorobenzene	11.513	112	83255	19.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	31311	19.606	ug/l	98
67) Ethyl Benzene	11.593	91	158003	19.463	ug/l	97
68) m/p-Xylenes	11.702	106	118165	39.301	ug/l	98
69) o-Xylene	12.032	106	56333	19.817	ug/l	100
70) Styrene	12.044	104	91313	19.486	ug/l	98
71) Bromoform	12.208	173	17531	19.897	ug/l #	94
73) Isopropylbenzene	12.330	105	153746	19.519	ug/l	97
74) N-amyl acetate	12.141	43	37462	19.214	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	27775	19.309	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	21902m	21.376	ug/l	
77) Bromobenzene	12.611	156	32255	19.440	ug/l	97
78) n-propylbenzene	12.672	91	185198	19.411	ug/l	99
79) 2-Chlorotoluene	12.757	91	102020	19.313	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	125974	19.604	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9977	19.508	ug/l	91
82) 4-Chlorotoluene	12.855	91	104312	19.226	ug/l	100
83) tert-Butylbenzene	13.074	119	109027	19.490	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	122070	19.294	ug/l	100
85) sec-Butylbenzene	13.251	105	164829	19.644	ug/l	98
86) p-Isopropyltoluene	13.367	119	133982	19.602	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	62670	19.481	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	64273	20.043	ug/l	97
89) n-Butylbenzene	13.696	91	129533	19.690	ug/l	98
90) Hexachloroethane	13.958	117	25301	19.587	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	55642	19.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	4601	19.682	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	32610	19.447	ug/l	98
94) Hexachlorobutadiene	15.110	225	19007	20.475	ug/l	99
95) Naphthalene	15.238	128	70290	20.170	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	27908	19.716	ug/l	98

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

