

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014843.D
 Acq On : 26 Jul 2023 12:44
 Operator : SY/MD
 Sample : VY0726SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBS01

Quant Time: Jul 26 13:44:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	206775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	347905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111826	47.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.920%		
35) Dibromofluoromethane	7.710	113	102097	46.100	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.200%		
50) Toluene-d8	10.173	98	369938	45.307	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.620%		
62) 4-Bromofluorobenzene	12.477	95	135795	43.374	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	31900	18.936	ug/l	97
3) Chloromethane	2.107	50	45051	23.790	ug/l	99
4) Vinyl Chloride	2.247	62	48651	22.988	ug/l	95
5) Bromomethane	2.631	94	33519	23.966	ug/l	99
6) Chloroethane	2.778	64	31545	23.862	ug/l	95
7) Trichlorofluoromethane	3.113	101	69312	19.500	ug/l	95
8) Diethyl Ether	3.521	74	25126	18.999	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	40376	18.533	ug/l	93
10) Methyl Iodide	4.082	142	37467	17.823	ug/l	97
11) Tert butyl alcohol	4.954	59	47124	84.870	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	37486	18.410	ug/l	92
13) Acrolein	3.723	56	19465	79.037	ug/l	99
14) Allyl chloride	4.466	41	60707	16.791	ug/l	96
15) Acrylonitrile	5.155	53	70957	97.297	ug/l	99
16) Acetone	3.948	43	68995	92.403	ug/l	97
17) Carbon Disulfide	4.186	76	101055	17.335	ug/l	100
18) Methyl Acetate	4.473	43	57094	19.925	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	124323	18.796	ug/l	98
20) Methylene Chloride	4.704	84	59184	22.038	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	42163	18.246	ug/l	97
22) Diisopropyl ether	6.112	45	132026	17.962	ug/l	94
23) Vinyl Acetate	6.051	43	393533	89.465	ug/l	95
24) 1,1-Dichloroethane	6.003	63	77643	18.461	ug/l	97
25) 2-Butanone	6.978	43	105099	96.211	ug/l	100
26) 2,2-Dichloropropane	6.972	77	73123	18.243	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	49751	18.497	ug/l	98
28) Bromochloromethane	7.326	49	39470	21.790	ug/l	95
29) Tetrahydrofuran	7.344	42	65719	97.703	ug/l	93
30) Chloroform	7.502	83	82005	18.908	ug/l	98
31) Cyclohexane	7.777	56	66513	17.005	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	72650	18.612	ug/l	99
36) 1,1-Dichloropropene	7.911	75	58836	17.765	ug/l	99
37) Ethyl Acetate	7.070	43	42570	18.669	ug/l #	95
38) Carbon Tetrachloride	7.893	117	63812	18.227	ug/l	99
39) Methylcyclohexane	9.179	83	73685	17.077	ug/l	93
40) Benzene	8.155	78	173777	18.449	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	24857m	21.193	ug/l	
42) 1,2-Dichloroethane	8.228	62	57383	19.237	ug/l	97
43) Isopropyl Acetate	8.271	43	78659	18.109	ug/l	96
44) Trichloroethene	8.935	130	48325	18.336	ug/l	97
45) 1,2-Dichloropropane	9.209	63	43932	17.861	ug/l	96
46) Dibromomethane	9.301	93	28553	19.136	ug/l	96
47) Bromodichloromethane	9.490	83	62678	17.822	ug/l	95
48) Methyl methacrylate	9.289	41	34581	17.692	ug/l	92
49) 1,4-Dioxane	9.295	88	9129	375.206	ug/l #	50
51) 4-Methyl-2-Pentanone	10.063	43	216993	95.145	ug/l	93
52) Toluene	10.240	92	110091	18.265	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	66586	17.309	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	73854	17.655	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	39653	19.078	ug/l	98
56) Ethyl methacrylate	10.508	69	57217	18.030	ug/l	91
57) 1,3-Dichloropropane	10.788	76	66689	18.602	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	141990	96.025	ug/l	94
59) 2-Hexanone	10.831	43	155840	93.700	ug/l	91
60) Dibromochloromethane	10.984	129	46104	18.091	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39067	18.841	ug/l	100
64) Tetrachloroethene	10.715	164	48311	19.332	ug/l	97
65) Chlorobenzene	11.514	112	120216	18.156	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	45900	18.386	ug/l	100
67) Ethyl Benzene	11.587	91	213497	17.859	ug/l	99
68) m/p-Xylenes	11.697	106	162832	35.682	ug/l	97
69) o-Xylene	12.026	106	78745	17.716	ug/l	100
70) Styrene	12.038	104	133886	17.872	ug/l	98
71) Bromoform	12.203	173	30391	17.960	ug/l #	99
73) Isopropylbenzene	12.325	105	209590	17.112	ug/l	100
74) N-amyl acetate	12.142	43	67234	16.390	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	48610	17.404	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	36050m	18.248	ug/l	
77) Bromobenzene	12.605	156	49856	17.833	ug/l	97
78) n-propylbenzene	12.666	91	254383	17.236	ug/l	100
79) 2-Chlorotoluene	12.752	91	142750	16.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	173516	16.964	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	16097	15.776	ug/l	97
82) 4-Chlorotoluene	12.855	91	147181	16.811	ug/l	100
83) tert-Butylbenzene	13.075	119	155332	17.119	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	173338	17.268	ug/l	99
85) sec-Butylbenzene	13.251	105	227954	17.126	ug/l	100
86) p-Isopropyltoluene	13.367	119	191211	17.595	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	98244	18.055	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	98348	18.037	ug/l	99
89) n-Butylbenzene	13.696	91	179248	16.953	ug/l	97
90) Hexachloroethane	13.959	117	36110	16.177	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	89925	18.038	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9379	17.559	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	56644	17.899	ug/l	99
94) Hexachlorobutadiene	15.111	225	30298	17.422	ug/l	95
95) Naphthalene	15.233	128	129788	17.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50315	17.890	ug/l	98

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

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