

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014947.D
 Acq On : 03 Aug 2023 14:36
 Operator : SY/MD
 Sample : VY0803SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Quant Time: Aug 04 04:31:29 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 :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	256104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	430583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	175255	60.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.100%			
35) Dibromofluoromethane	7.710	113	159277	58.109	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.220%			
50) Toluene-d8	10.173	98	553733	54.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.600%			
62) 4-Bromofluorobenzene	12.477	95	207757	53.617	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	44553	21.353	ug/l	100
3) Chloromethane	2.113	50	56893	24.257	ug/l	98
4) Vinyl Chloride	2.247	62	66405	25.333	ug/l	94
5) Bromomethane	2.625	94	54288	31.339	ug/l	99
6) Chloroethane	2.778	64	46463	28.377	ug/l	97
7) Trichlorofluoromethane	3.113	101	101752	23.113	ug/l	100
8) Diethyl Ether	3.521	74	37140	22.674	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	59378	22.005	ug/l	94
10) Methyl Iodide	4.082	142	54355	20.471	ug/l	98
11) Tert butyl alcohol	4.942	59	99944	157.080	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	52929	20.987	ug/l	90
13) Acrolein	3.722	56	20448	67.036	ug/l	98
14) Allyl chloride	4.466	41	86357	19.285	ug/l	97
15) Acrylonitrile	5.149	53	107637	119.165	ug/l	99
16) Acetone	3.942	43	107178	115.892	ug/l	96
17) Carbon Disulfide	4.186	76	135457	18.761	ug/l	98
18) Methyl Acetate	4.472	43	88050	24.810	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	186893	22.813	ug/l	99
20) Methylene Chloride	4.704	84	106483	34.101	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	60986	21.309	ug/l	100
22) Diisopropyl ether	6.112	45	195022	21.422	ug/l #	92
23) Vinyl Acetate	6.051	43	569223	104.481	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	115219	22.119	ug/l	96
25) 2-Butanone	6.978	43	163750	121.029	ug/l	95
26) 2,2-Dichloropropane	6.972	77	109793	22.115	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	74911	22.486	ug/l	98
28) Bromochloromethane	7.325	49	51420	22.920	ug/l	91
29) Tetrahydrofuran	7.344	42	98124	117.781	ug/l	91
30) Chloroform	7.496	83	122351	22.777	ug/l	99
31) Cyclohexane	7.777	56	92244	19.041	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	106243	21.975	ug/l	99
36) 1,1-Dichloropropene	7.911	75	85668	20.899	ug/l	100
37) Ethyl Acetate	7.063	43	63734	22.583	ug/l #	96
38) Carbon Tetrachloride	7.892	117	93615	21.605	ug/l	98
39) Methylcyclohexane	9.179	83	103265	19.337	ug/l	91
40) Benzene	8.155	78	249036	21.362	ug/l	100

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 Supervised By :Semsettin Yesilyurt 08/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	31409m	21.637	ug/l	
42) 1,2-Dichloroethane	8.234	62	84871	22.989	ug/l	94
43) Isopropyl Acetate	8.270	43	116192	21.613	ug/l	96
44) Trichloroethene	8.935	130	72762	22.307	ug/l	98
45) 1,2-Dichloropropane	9.209	63	65306	21.453	ug/l	97
46) Dibromomethane	9.301	93	42573	23.053	ug/l	95
47) Bromodichloromethane	9.490	83	95163	21.864	ug/l	99
48) Methyl methacrylate	9.289	41	51220	21.174	ug/l	92
49) 1,4-Dioxane	9.295	88	15088	501.051	ug/l #	56
51) 4-Methyl-2-Pentanone	10.063	43	326599	115.706	ug/l	93
52) Toluene	10.240	92	160293	21.487	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	97845	20.551	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	108374	20.932	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	60534	23.532	ug/l	98
56) Ethyl methacrylate	10.508	69	85524	21.775	ug/l	90
57) 1,3-Dichloropropane	10.782	76	98614	22.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	204338	111.655	ug/l	94
59) 2-Hexanone	10.831	43	234086	113.721	ug/l	91
60) Dibromochloromethane	10.983	129	70863	22.468	ug/l	99
61) 1,2-Dibromoethane	11.087	107	58183	22.672	ug/l	99
64) Tetrachloroethene	10.715	164	76728	24.780	ug/l	96
65) Chlorobenzene	11.514	112	178620	21.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	67889	21.947	ug/l	99
67) Ethyl Benzene	11.587	91	314503	21.232	ug/l	99
68) m/p-Xylenes	11.697	106	238906	42.252	ug/l	96
69) o-Xylene	12.026	106	118114	21.447	ug/l	97
70) Styrene	12.038	104	198086	21.340	ug/l	97
71) Bromoform	12.209	173	46027	21.952	ug/l #	100
73) Isopropylbenzene	12.325	105	311415	20.189	ug/l	100
74) N-amyl acetate	12.142	43	98179	19.004	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	71663	20.373	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	55021m	22.114	ug/l	
77) Bromobenzene	12.605	156	73247	20.803	ug/l	97
78) n-propylbenzene	12.666	91	370219	19.918	ug/l	100
79) 2-Chlorotoluene	12.751	91	210286	19.642	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	258087	20.034	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	22883	17.807	ug/l	99
82) 4-Chlorotoluene	12.855	91	217754	19.749	ug/l	99
83) tert-Butylbenzene	13.074	119	229794	20.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	257650	20.380	ug/l	99
85) sec-Butylbenzene	13.251	105	339195	20.235	ug/l	100
86) p-Isopropyltoluene	13.367	119	278983	20.384	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	147174	21.476	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	146291	21.303	ug/l	98
89) n-Butylbenzene	13.696	91	264381	19.855	ug/l	97
90) Hexachloroethane	13.958	117	53986	19.204	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	133212	21.217	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13726	20.404	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	82066	20.591	ug/l	98
94) Hexachlorobutadiene	15.111	225	44004	20.091	ug/l	100
95) Naphthalene	15.233	128	191537	20.628	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	72527	20.476	ug/l	97

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

