

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015432.D
 Acq On : 05 Sep 2023 14:32
 Operator : SY/MD
 Sample : VY0905SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0905SBS01

Quant Time: Sep 06 01:43:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/06/2023
 Supervised By :Semsettin Yesilyurt 09/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	168500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	264398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	96792	53.586	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.180%			
35) Dibromofluoromethane	7.710	113	87399	52.918	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.840%			
50) Toluene-d8	10.173	98	299276	50.037	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.080%			
62) 4-Bromofluorobenzene	12.477	95	112639	50.729	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22670	15.478	ug/l	97
3) Chloromethane	2.107	50	29874	15.358	ug/l	99
4) Vinyl Chloride	2.241	62	33166	14.648	ug/l	97
5) Bromomethane	2.613	94	27339	16.970	ug/l	99
6) Chloroethane	2.772	64	24444	16.425	ug/l	92
7) Trichlorofluoromethane	3.101	101	54257	16.941	ug/l	99
8) Diethyl Ether	3.515	74	22182	20.266	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.875	101	32509	18.314	ug/l	94
10) Methyl Iodide	4.076	142	28786	13.809	ug/l	96
11) Tert butyl alcohol	4.936	59	73935	177.704	ug/l #	94
12) 1,1-Dichloroethene	3.851	96	29099	17.373	ug/l	84
13) Acrolein	3.723	56	30349	69.307	ug/l	99
14) Allyl chloride	4.460	41	51052	19.143	ug/l	95
15) Acrylonitrile	5.149	53	76897	111.651	ug/l	99
16) Acetone	3.942	43	75347	99.938	ug/l	94
17) Carbon Disulfide	4.180	76	65120	13.004	ug/l	100
18) Methyl Acetate	4.466	43	62839	23.011	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	112002	20.573	ug/l	98
20) Methylene Chloride	4.698	84	56417	19.048	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	34905	18.097	ug/l	96
22) Diisopropyl ether	6.106	45	121355	20.806	ug/l	96
23) Vinyl Acetate	6.045	43	360018	97.761	ug/l	95
24) 1,1-Dichloroethane	6.003	63	66992	19.869	ug/l	97
25) 2-Butanone	6.972	43	118776	111.075	ug/l	97
26) 2,2-Dichloropropane	6.972	77	55348	19.327	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	43570	19.912	ug/l	99
28) Bromochloromethane	7.320	49	23152	22.392	ug/l	98
29) Tetrahydrofuran	7.338	42	71847	106.992	ug/l	93
30) Chloroform	7.496	83	72556	20.470	ug/l	93
31) Cyclohexane	7.777	56	51093	15.924	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	59091	18.665	ug/l	99
36) 1,1-Dichloropropene	7.905	75	48810	16.831	ug/l	99
37) Ethyl Acetate	7.064	43	45811	20.482	ug/l	97
38) Carbon Tetrachloride	7.887	117	52120	17.401	ug/l	97
39) Methylcyclohexane	9.179	83	55403	15.175	ug/l	93
40) Benzene	8.149	78	151328	18.703	ug/l	100

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41) Methacrylonitrile	7.314	41	24182m	23.056	ug/l	
42) 1,2-Dichloroethane	8.228	62	50608	18.758	ug/l	95
43) Isopropyl Acetate	8.265	43	78243	20.230	ug/l	98
44) Trichloroethene	8.935	130	42505	18.567	ug/l	96
45) 1,2-Dichloropropane	9.210	63	40520	19.866	ug/l	93
46) Dibromomethane	9.301	93	26734	19.732	ug/l	95
47) Bromodichloromethane	9.490	83	58130	20.063	ug/l	99
48) Methyl methacrylate	9.289	41	34488	19.435	ug/l	91
49) 1,4-Dioxane	9.295	88	10840	430.740	ug/l #	49
51) 4-Methyl-2-Pentanone	10.063	43	241172	107.284	ug/l	94
52) Toluene	10.240	92	95379	18.392	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	57511	18.677	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	63470	18.948	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	36814	20.166	ug/l	97
56) Ethyl methacrylate	10.508	69	52732	19.492	ug/l	91
57) 1,3-Dichloropropane	10.782	76	63259	20.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	101129	104.731	ug/l	96
59) 2-Hexanone	10.825	43	175482	104.035	ug/l	93
60) Dibromochloromethane	10.977	129	42821	20.040	ug/l	98
61) 1,2-Dibromoethane	11.081	107	37011	20.008	ug/l	98
64) Tetrachloroethene	10.715	164	49838	20.767	ug/l	97
65) Chlorobenzene	11.514	112	108360	19.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	41390	19.848	ug/l	98
67) Ethyl Benzene	11.587	91	187395	18.317	ug/l	98
68) m/p-Xylenes	11.703	106	145145	36.602	ug/l	96
69) o-Xylene	12.026	106	70469	18.594	ug/l	98
70) Styrene	12.038	104	121408	19.052	ug/l	96
71) Bromoform	12.203	173	29531	20.301	ug/l #	97
73) Isopropylbenzene	12.325	105	182479	18.133	ug/l	100
74) N-amyl acetate	12.142	43	66818	19.763	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	48037	19.996	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	34886m	19.636	ug/l	
77) Bromobenzene	12.605	156	46000	19.300	ug/l	97
78) n-propylbenzene	12.666	91	223392	18.345	ug/l	99
79) 2-Chlorotoluene	12.752	91	127012	18.596	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	155341	18.455	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	14652	18.192	ug/l	96
82) 4-Chlorotoluene	12.849	91	132084	18.608	ug/l	99
83) tert-Butylbenzene	13.069	119	134670	18.266	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	156964	18.781	ug/l	98
85) sec-Butylbenzene	13.251	105	201060	18.284	ug/l	99
86) p-Isopropyltoluene	13.367	119	168998	18.337	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	90014	19.130	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	92411	19.428	ug/l	99
89) n-Butylbenzene	13.696	91	156283	18.016	ug/l	97
90) Hexachloroethane	13.959	117	31494	19.107	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	83421	19.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9613	20.228	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	52038	19.296	ug/l	99
94) Hexachlorobutadiene	15.111	225	27900	18.973	ug/l	98
95) Naphthalene	15.233	128	131235	19.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	48530	19.729	ug/l	98

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

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