

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015723.D
 Acq On : 27 Sep 2023 13:49
 Operator : SY/MD
 Sample : VY0927SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0927SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023

Quant Time: Sep 28 00:45:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	149722	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	249224	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	227299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88569	53.764	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.520%			
35) Dibromofluoromethane	7.722	113	79647	53.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.780%			
50) Toluene-d8	10.185	98	287095	56.763	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.520%			
62) 4-Bromofluorobenzene	12.483	95	104995	52.898	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19165	19.419	ug/l	97
3) Chloromethane	2.113	50	23425	18.814	ug/l	100
4) Vinyl Chloride	2.253	62	27851	19.564	ug/l	96
5) Bromomethane	2.650	94	19230	16.003	ug/l	98
6) Chloroethane	2.790	64	19083	18.086	ug/l	99
7) Trichlorofluoromethane	3.119	101	50116	20.992	ug/l	98
8) Diethyl Ether	3.534	74	20593	20.227	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	31150	20.839	ug/l	96
10) Methyl Iodide	4.088	142	27485	17.512	ug/l	97
11) Tert butyl alcohol	4.997	59	36944m	72.363	ug/l	
12) 1,1-Dichloroethene	3.869	96	25739	19.541	ug/l	93
13) Acrolein	3.735	56	23233	92.088	ug/l	99
14) Allyl chloride	4.479	41	47392	19.678	ug/l	95
15) Acrylonitrile	5.180	53	80872	108.282	ug/l	98
16) Acetone	3.973	43	102703	116.497	ug/l	94
17) Carbon Disulfide	4.198	76	40495	15.825	ug/l	99
18) Methyl Acetate	4.491	43	61685	20.854	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	114253	21.297	ug/l	99
20) Methylene Chloride	4.722	84	56010	26.761	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	29563	19.636	ug/l	96
22) Diisopropyl ether	6.131	45	119505	20.619	ug/l	94
23) Vinyl Acetate	6.070	43	377819	105.613	ug/l	95
24) 1,1-Dichloroethane	6.027	63	65219	20.645	ug/l	95
25) 2-Butanone	6.996	43	140608	112.838	ug/l	99
26) 2,2-Dichloropropane	6.990	77	59422	20.580	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	41248	20.637	ug/l	96
28) Bromochloromethane	7.338	49	15336	17.893	ug/l	99
29) Tetrahydrofuran	7.362	42	76880	109.157	ug/l	95
30) Chloroform	7.515	83	70117	20.726	ug/l	95
31) Cyclohexane	7.789	56	44431	19.469	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	59180	21.190	ug/l	99
36) 1,1-Dichloropropene	7.923	75	44797	20.311	ug/l	99
37) Ethyl Acetate	7.082	43	52590	23.905	ug/l	98
38) Carbon Tetrachloride	7.905	117	50171	20.956	ug/l	94
39) Methylcyclohexane	9.191	83	48393	19.837	ug/l	94
40) Benzene	8.167	78	137669	20.468	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	23755	20.054	ug/l	96
42) 1,2-Dichloroethane	8.246	62	49694	21.573	ug/l	95
43) Isopropyl Acetate	8.283	43	82991	22.084	ug/l	99
44) Trichloroethene	8.947	130	40140	21.367	ug/l	97
45) 1,2-Dichloropropane	9.222	63	39435	21.024	ug/l	100
46) Dibromomethane	9.313	93	25016	20.850	ug/l	97
47) Bromodichloromethane	9.502	83	56975	21.304	ug/l	95
48) Methyl methacrylate	9.301	41	35263	21.378	ug/l	89
49) 1,4-Dioxane	9.325	88	12102	510.557	ug/l #	48
51) 4-Methyl-2-Pentanone	10.075	43	263805	113.257	ug/l	94
52) Toluene	10.246	92	92005	21.218	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	59612	20.786	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	63315	20.510	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	39303	22.353	ug/l	97
56) Ethyl methacrylate	10.514	69	55592	21.454	ug/l	89
57) 1,3-Dichloropropane	10.795	76	64155	21.758	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	82230	99.905	ug/l	96
59) 2-Hexanone	10.837	43	211613	118.416	ug/l	92
60) Dibromochloromethane	10.990	129	43432	21.160	ug/l	96
61) 1,2-Dibromoethane	11.093	107	36707	21.339	ug/l	99
64) Tetrachloroethene	10.721	164	43147	22.125	ug/l	97
65) Chlorobenzene	11.520	112	105476	21.259	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	42199	21.896	ug/l	98
67) Ethyl Benzene	11.599	91	185406	21.380	ug/l	99
68) m/p-Xylenes	11.703	106	142276	43.164	ug/l	94
69) o-Xylene	12.032	106	68957	21.335	ug/l	99
70) Styrene	12.050	104	120274	21.740	ug/l	98
71) Bromoform	12.209	173	31174	22.322	ug/l #	97
73) Isopropylbenzene	12.331	105	187446	21.335	ug/l	99
74) N-amyl acetate	12.148	43	73285	22.193	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	52896	21.633	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	46335m	24.799	ug/l	
77) Bromobenzene	12.611	156	45831	21.251	ug/l	95
78) n-propylbenzene	12.672	91	224168	21.002	ug/l	100
79) 2-Chlorotoluene	12.758	91	128090	21.053	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	156424	21.267	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	17710	21.345	ug/l	96
82) 4-Chlorotoluene	12.855	91	131851	20.759	ug/l	99
83) tert-Butylbenzene	13.075	119	142233	22.079	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	158193	21.495	ug/l	98
85) sec-Butylbenzene	13.258	105	207387	21.512	ug/l	100
86) p-Isopropyltoluene	13.373	119	171817	21.336	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	90769	21.215	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	92610	21.643	ug/l	99
89) n-Butylbenzene	13.696	91	161830	21.222	ug/l	97
90) Hexachloroethane	13.959	117	32564	20.952	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	86558	21.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11241	23.147	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	55040	22.136	ug/l	99
94) Hexachlorobutadiene	15.111	225	28155	22.112	ug/l	97
95) Naphthalene	15.233	128	145756	22.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51873	22.603	ug/l	98

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

