

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037686.D
 Acq On : 13 Sep 2023 11:36
 Operator : JC/MD
 Sample : VX0913WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Quant Time: Sep 14 02:16:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	205084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	351519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155321	46.810	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.620%		
35) Dibromofluoromethane	5.391	113	124587	50.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.000%		
50) Toluene-d8	8.647	98	468357	49.842	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.680%		
62) 4-Bromofluorobenzene	11.079	95	168774	49.783	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	42117	18.731	ug/l	96
3) Chloromethane	1.307	50	47079	18.379	ug/l	100
4) Vinyl Chloride	1.374	62	52353	18.169	ug/l	98
5) Bromomethane	1.599	94	41926	17.395	ug/l	96
6) Chloroethane	1.685	64	37263	18.808	ug/l	97
7) Trichlorofluoromethane	1.886	101	87048	18.259	ug/l	99
8) Diethyl Ether	2.136	74	34215	18.083	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	41391	19.368	ug/l	97
10) Methyl Iodide	2.453	142	48976	19.405	ug/l	94
11) Tert butyl alcohol	2.965	59	69653	94.665	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	39802	18.864	ug/l	89
13) Acrolein	2.240	56	48341	89.168	ug/l	99
14) Allyl chloride	2.666	41	68733	18.595	ug/l	96
15) Acrylonitrile	3.069	53	144375	94.877	ug/l	99
16) Acetone	2.380	43	132482	98.759	ug/l	91
17) Carbon Disulfide	2.514	76	91753	17.106	ug/l	99
18) Methyl Acetate	2.703	43	104985	18.532	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	152972	18.364	ug/l	98
20) Methylene Chloride	2.788	84	52358	19.407	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	45518	18.751	ug/l	90
22) Diisopropyl ether	3.764	45	149956	18.622	ug/l #	92
23) Vinyl Acetate	3.727	43	553482	94.233	ug/l	96
24) 1,1-Dichloroethane	3.611	63	87365	18.618	ug/l	99
25) 2-Butanone	4.562	43	202615	92.632	ug/l	93
26) 2,2-Dichloropropane	4.483	77	67388	20.645	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	56514	19.091	ug/l	91
28) Bromochloromethane	4.904	49	42300	17.843	ug/l	85
29) Tetrahydrofuran	5.007	42	128857	92.510	ug/l	91
30) Chloroform	5.099	83	95287	18.803	ug/l	98
31) Cyclohexane	5.471	56	70059	18.336	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	79854	18.933	ug/l	99
36) 1,1-Dichloropropene	5.696	75	63419	18.710	ug/l	97
37) Ethyl Acetate	4.721	43	73523	18.957	ug/l	96
38) Carbon Tetrachloride	5.678	117	66660	19.251	ug/l	98
39) Methylcyclohexane	7.379	83	78199	19.497	ug/l	94
40) Benzene	6.038	78	198845	19.351	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39655	19.412	ug/l	91
42) 1,2-Dichloroethane	6.092	62	74342	18.511	ug/l	98
43) Isopropyl Acetate	6.342	43	119079	19.246	ug/l	96
44) Trichloroethene	7.129	130	50534	19.684	ug/l	99
45) 1,2-Dichloropropane	7.434	63	52538	19.374	ug/l	97
46) Dibromomethane	7.586	93	37990	19.257	ug/l	95
47) Bromodichloromethane	7.824	83	69767	19.589	ug/l	98
48) Methyl methacrylate	7.696	41	58147	19.441	ug/l	88
49) 1,4-Dioxane	7.665	88	31949	431.145	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	400741	98.636	ug/l	97
52) Toluene	8.720	92	127724	19.332	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	69456	19.236	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	78220	19.742	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	55593	19.983	ug/l	94
56) Ethyl methacrylate	9.116	69	82076	19.282	ug/l	94
57) 1,3-Dichloropropane	9.311	76	89145	19.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	199885	96.849	ug/l	100
59) 2-Hexanone	9.433	43	313029	99.815	ug/l	95
60) Dibromochloromethane	9.525	129	52572	19.239	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57990	19.392	ug/l	99
64) Tetrachloroethene	9.275	164	43015	19.734	ug/l	95
65) Chlorobenzene	10.080	112	138017	19.247	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50406	20.396	ug/l	98
67) Ethyl Benzene	10.195	91	248660	19.486	ug/l	99
68) m/p-Xylenes	10.299	106	190288	39.107	ug/l	99
69) o-Xylene	10.640	106	94339	19.446	ug/l	99
70) Styrene	10.653	104	155121	19.599	ug/l	97
71) Bromoform	10.799	173	37785	19.539	ug/l #	100
73) Isopropylbenzene	10.964	105	249369	20.163	ug/l	99
74) N-amyl acetate	10.842	43	106942	19.830	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	91609	19.794	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72895m	20.073	ug/l	
77) Bromobenzene	11.201	156	60392	20.606	ug/l	92
78) n-propylbenzene	11.305	91	283433	19.920	ug/l	99
79) 2-Chlorotoluene	11.366	91	175280	20.013	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	214201	20.608	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22983	19.237	ug/l	97
82) 4-Chlorotoluene	11.457	91	197031	19.693	ug/l	98
83) tert-Butylbenzene	11.713	119	214328	20.526	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	213310	20.356	ug/l	98
85) sec-Butylbenzene	11.890	105	259819	20.155	ug/l	100
86) p-Isopropyltoluene	12.006	119	215125	20.365	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110696	19.671	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	111300	19.244	ug/l	98
89) n-Butylbenzene	12.329	91	185874	19.428	ug/l	97
90) Hexachloroethane	12.536	117	35498	19.915	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	113208	20.107	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18286	19.242	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	65397	19.503	ug/l	96
94) Hexachlorobutadiene	13.725	225	29703	21.206	ug/l	98
95) Naphthalene	13.774	128	235525	19.391	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67403	19.592	ug/l	98

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

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