

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037711.D
 Acq On : 14 Sep 2023 04:11
 Operator : JC/MD
 Sample : VX0913WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS02

Quant Time: Sep 14 05:29:19 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	5.549	168	191657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155080	50.012	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.020%			
35) Dibromofluoromethane	5.385	113	127421	51.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.760%			
50) Toluene-d8	8.646	98	459507	49.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.079	95	164619	49.260	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33497	15.941	ug/l	99
3) Chloromethane	1.300	50	43727	18.267	ug/l	98
4) Vinyl Chloride	1.373	62	44580	16.555	ug/l	99
5) Bromomethane	1.599	94	39556	17.561	ug/l	99
6) Chloroethane	1.678	64	33060	17.856	ug/l	96
7) Trichlorofluoromethane	1.885	101	71476	16.043	ug/l	98
8) Diethyl Ether	2.135	74	32060	18.132	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.324	101	33595	16.821	ug/l	96
10) Methyl Iodide	2.452	142	50823	21.548	ug/l	93
11) Tert butyl alcohol	2.958	59	65126	94.719	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	35685	18.097	ug/l	85
13) Acrolein	2.233	56	46208	91.205	ug/l	97
14) Allyl chloride	2.666	41	60919	17.636	ug/l	96
15) Acrylonitrile	3.062	53	136603	96.059	ug/l	99
16) Acetone	2.379	43	117083	93.395	ug/l #	89
17) Carbon Disulfide	2.513	76	77122	15.386	ug/l	98
18) Methyl Acetate	2.702	43	102442	19.350	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	154479	19.845	ug/l	97
20) Methylene Chloride	2.788	84	51371	20.440	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	41141	18.135	ug/l	88
22) Diisopropyl ether	3.757	45	147705	19.628	ug/l	97
23) Vinyl Acetate	3.720	43	523518	95.376	ug/l	95
24) 1,1-Dichloroethane	3.611	63	84002	19.156	ug/l	97
25) 2-Butanone	4.556	43	186953	91.460	ug/l	94
26) 2,2-Dichloropropane	4.476	77	37495	12.292	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	53538	19.353	ug/l	87
28) Bromochloromethane	4.897	49	35515	16.030	ug/l	86
29) Tetrahydrofuran	5.001	42	119841	92.065	ug/l	90
30) Chloroform	5.092	83	90968	19.208	ug/l	100
31) Cyclohexane	5.470	56	57641	16.143	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	73119	18.550	ug/l	97
36) 1,1-Dichloropropene	5.696	75	55012	16.465	ug/l	97
37) Ethyl Acetate	4.714	43	71129	18.605	ug/l	97
38) Carbon Tetrachloride	5.677	117	59445	17.415	ug/l	97
39) Methylcyclohexane	7.378	83	60320	15.257	ug/l	94
40) Benzene	6.037	78	192118	18.967	ug/l	97

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41) Methacrylonitrile	4.921	41	38080	18.910	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	73228	18.497	ug/l	97
43) Isopropyl Acetate	6.342	43	113547	18.617	ug/l	97
44) Trichloroethene	7.128	130	47606	18.811	ug/l	98
45) 1,2-Dichloropropane	7.433	63	50710	18.970	ug/l	99
46) Dibromomethane	7.580	93	36896	18.972	ug/l	94
47) Bromodichloromethane	7.823	83	66137	18.839	ug/l	99
48) Methyl methacrylate	7.695	41	54954	18.639	ug/l #	88
49) 1,4-Dioxane	7.659	88	29215	399.948	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	381826	95.338	ug/l	97
52) Toluene	8.720	92	121249	18.617	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	62000	17.419	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	69448	17.782	ug/l	91
55) 1,1,2-Trichloroethane	9.152	97	54284	19.794	ug/l	94
56) Ethyl methacrylate	9.116	69	79918	19.047	ug/l	94
57) 1,3-Dichloropropane	9.311	76	88354	19.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	207176	101.832	ug/l	99
59) 2-Hexanone	9.433	43	292492	94.614	ug/l	95
60) Dibromochloromethane	9.518	129	51975	19.295	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56975	19.328	ug/l	100
64) Tetrachloroethene	9.274	164	41551	19.657	ug/l	97
65) Chlorobenzene	10.079	112	131753	18.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	48766	20.348	ug/l	98
67) Ethyl Benzene	10.195	91	232194	18.763	ug/l	99
68) m/p-Xylenes	10.299	106	177653	37.649	ug/l	99
69) o-Xylene	10.640	106	90835	19.308	ug/l	98
70) Styrene	10.658	104	147498	19.217	ug/l	97
71) Bromoform	10.798	173	36745	19.594	ug/l #	98
73) Isopropylbenzene	10.963	105	228924	19.112	ug/l	99
74) N-amyl acetate	10.841	43	99732	19.094	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	88005	19.633	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	68543m	19.487	ug/l	
77) Bromobenzene	11.201	156	58264	20.525	ug/l	89
78) n-propylbenzene	11.304	91	255480	18.539	ug/l	100
79) 2-Chlorotoluene	11.365	91	163307	19.251	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	195477	19.418	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17415	15.050	ug/l	99
82) 4-Chlorotoluene	11.457	91	182042	18.786	ug/l	98
83) tert-Butylbenzene	11.713	119	189979	18.785	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	197466	19.456	ug/l	97
85) sec-Butylbenzene	11.890	105	228007	18.262	ug/l	100
86) p-Isopropyltoluene	12.012	119	188415	18.416	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	105569	19.369	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	105311	18.800	ug/l	98
89) n-Butylbenzene	12.335	91	155391	16.770	ug/l	96
90) Hexachloroethane	12.536	117	31666	18.342	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	110157	20.201	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	17324	18.822	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	59657	18.370	ug/l	96
94) Hexachlorobutadiene	13.725	225	24400	17.986	ug/l	97
95) Naphthalene	13.774	128	220390	18.734	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	61705	18.518	ug/l	98

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

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