

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038120.D
 Acq On : 06 Oct 2023 11:05
 Operator : JC/MD
 Sample : VX1006WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 04:16:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						10/09/2023
1) Pentafluorobenzene	5.550	168	126191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114869	50.000	ug/l	0.00
System Monitoring Compounds						10/09/2023
33) 1,2-Dichloroethane-d4	5.958	65	102653	50.575	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.160%
35) Dibromofluoromethane	5.385	113	77993	50.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.760%
50) Toluene-d8	8.647	98	298455	50.451	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.900%
62) 4-Bromofluorobenzene	11.079	95	114460	51.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26031	21.371	ug/l	100
3) Chloromethane	1.307	50	24846	20.013	ug/l	100
4) Vinyl Chloride	1.374	62	29078	21.125	ug/l	96
5) Bromomethane	1.605	94	30776	16.452	ug/l	98
6) Chloroethane	1.685	64	22140	22.281	ug/l	98
7) Trichlorofluoromethane	1.886	101	58636	21.567	ug/l	99
8) Diethyl Ether	2.136	74	22562	22.251	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	24644	20.763	ug/l	98
10) Methyl Iodide	2.453	142	33068	19.363	ug/l	97
11) Tert butyl alcohol	2.953	59	42629	87.955	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	23054	19.968	ug/l	88
13) Acrolein	2.233	56	29591	102.553	ug/l	100
14) Allyl chloride	2.666	41	39631	19.191	ug/l	93
15) Acrylonitrile	3.062	53	97023	105.040	ug/l	99
16) Acetone	2.373	43	83577	98.663	ug/l	98
17) Carbon Disulfide	2.514	76	59617	17.916	ug/l	99
18) Methyl Acetate	2.703	43	76379	21.026	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	93231	20.276	ug/l	98
20) Methylene Chloride	2.788	84	30575	19.189	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	28540	19.965	ug/l	91
22) Diisopropyl ether	3.757	45	88633	20.478	ug/l #	93
23) Vinyl Acetate	3.721	43	331191	104.345	ug/l	96
24) 1,1-Dichloroethane	3.611	63	52268	19.899	ug/l	99
25) 2-Butanone	4.556	43	141616	103.614	ug/l	96
26) 2,2-Dichloropropane	4.483	77	40421	19.711	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	33979	19.958	ug/l	92
28) Bromochloromethane	4.897	49	25520	21.523	ug/l	91
29) Tetrahydrofuran	5.007	42	91788	103.150	ug/l	90
30) Chloroform	5.092	83	58763	20.459	ug/l	98
31) Cyclohexane	5.470	56	44615	20.288	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	48550	19.734	ug/l	99
36) 1,1-Dichloropropene	5.696	75	42052	19.698	ug/l	98
37) Ethyl Acetate	4.714	43	52358	20.651	ug/l	97
38) Carbon Tetrachloride	5.678	117	40961	19.504	ug/l	96
39) Methylcyclohexane	7.379	83	51630	20.647	ug/l	95
40) Benzene	6.043	78	122848	20.574	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.916	41	26198	20.771	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	49389	20.703	ug/l		100
43) Isopropyl Acetate	6.342	43	79039	20.882	ug/l		98
44) Trichloroethene	7.123	130	32217	20.629	ug/l		97
45) 1,2-Dichloropropane	7.433	63	32426	20.982	ug/l		97
46) Dibromomethane	7.580	93	24623	20.543	ug/l		97
47) Bromodichloromethane	7.824	83	43815	20.549	ug/l		96
48) Methyl methacrylate	7.696	41	37899	20.975	ug/l		87
49) 1,4-Dioxane	7.659	88	18779	421.759	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.574	43	277247	106.196	ug/l		98
52) Toluene	8.720	92	80392	20.669	ug/l		94
53) t-1,3-Dichloropropene	8.982	75	46230	20.199	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	48289	20.081	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	34218	20.568	ug/l		96
56) Ethyl methacrylate	9.116	69	50954	19.976	ug/l		94
57) 1,3-Dichloropropane	9.311	76	56341	20.938	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	129435	103.376	ug/l		100
59) 2-Hexanone	9.427	43	226432	107.886	ug/l		96
60) Dibromochloromethane	9.518	129	32396	19.896	ug/l		99
61) 1,2-Dibromoethane	9.610	107	36651	20.372	ug/l		99
64) Tetrachloroethene	9.275	164	27722	20.301	ug/l		92
65) Chlorobenzene	10.079	112	89215	20.212	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.165	131	30199	20.233	ug/l		99
67) Ethyl Benzene	10.195	91	159952	20.302	ug/l		100
68) m/p-Xylenes	10.299	106	122300	40.145	ug/l		99
69) o-Xylene	10.640	106	59516	20.017	ug/l		99
70) Styrene	10.659	104	99373	20.523	ug/l		98
71) Bromoform	10.799	173	23391	18.789	ug/l	#	100
73) Isopropylbenzene	10.963	105	158986	20.638	ug/l		99
74) N-amyl acetate	10.841	43	69162	21.024	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	59901	21.191	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	48579m	18.603	ug/l		
77) Bromobenzene	11.195	156	38630	20.540	ug/l		93
78) n-propylbenzene	11.305	91	194563	20.656	ug/l		98
79) 2-Chlorotoluene	11.366	91	111962	20.043	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	137463	20.683	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	14952	19.404	ug/l		99
82) 4-Chlorotoluene	11.457	91	134782	20.390	ug/l		97
83) tert-Butylbenzene	11.713	119	133011	20.482	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	138787	20.944	ug/l		99
85) sec-Butylbenzene	11.890	105	175346	20.844	ug/l		100
86) p-Isopropyltoluene	12.012	119	143900	20.733	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	76023	20.125	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	77938	20.209	ug/l		99
89) n-Butylbenzene	12.335	91	143552	20.768	ug/l		95
90) Hexachloroethane	12.536	117	22321	19.397	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	74130	20.415	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13819	20.220	ug/l		89
93) 1,2,4-Trichlorobenzene	13.585	180	49701	20.408	ug/l		96
94) Hexachlorobutadiene	13.725	225	20310	20.720	ug/l		98
95) Naphthalene	13.774	128	170702	20.127	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	47071	19.961	ug/l		96

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 Dadoda

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

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

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Dadoda

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Carlone[illegible]