

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037880.D
 Acq On : 22 Sep 2023 16:44
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 23 01:28:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	367950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	148342	50.260	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.520%	
35) Dibromofluoromethane	5.379	113	128590	52.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.460%	
50) Toluene-d8	8.647	98	481921	52.682	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	11.079	95	188996	56.856	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	105729	44.653	ug/l	97
3) Chloromethane	1.294	50	107666	41.791	ug/l	100
4) Vinyl Chloride	1.374	62	124914	44.943	ug/l	100
5) Bromomethane	1.599	94	91458	45.964	ug/l	98
6) Chloroethane	1.685	64	87035	45.455	ug/l	99
7) Trichlorofluoromethane	1.886	101	219972	49.229	ug/l	100
8) Diethyl Ether	2.130	74	80174	46.312	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	110588	48.767	ug/l	97
10) Methyl Iodide	2.453	142	129322	43.093	ug/l	93
11) Tert butyl alcohol	2.953	59	123584	195.073	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	101162	46.159	ug/l	86
13) Acrolein	2.233	56	136224	217.656	ug/l	99
14) Allyl chloride	2.660	41	165680	45.390	ug/l #	96
15) Acrylonitrile	3.062	53	314942	223.591	ug/l	99
16) Acetone	2.373	43	292481	205.995	ug/l #	88
17) Carbon Disulfide	2.514	76	227155	41.340	ug/l	100
18) Methyl Acetate	2.697	43	230855	45.072	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	379451	47.066	ug/l	100
20) Methylene Chloride	2.788	84	123409	47.012	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	114829	47.185	ug/l	91
22) Diisopropyl ether	3.757	45	363022	47.746	ug/l #	88
23) Vinyl Acetate	3.715	43	1328982	237.635	ug/l	96
24) 1,1-Dichloroethane	3.605	63	214556	47.091	ug/l	99
25) 2-Butanone	4.550	43	435522	217.367	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	177948	48.336	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	143085	47.959	ug/l	89
28) Bromochloromethane	4.891	49	100611	47.335	ug/l #	82
29) Tetrahydrofuran	4.995	42	272653	218.771	ug/l	89
30) Chloroform	5.092	83	238215	48.535	ug/l	97
31) Cyclohexane	5.470	56	178898	47.225	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	206439	49.675	ug/l	97
36) 1,1-Dichloropropene	5.690	75	167126	49.278	ug/l	97
37) Ethyl Acetate	4.708	43	169269	45.400	ug/l	96
38) Carbon Tetrachloride	5.678	117	174217	49.095	ug/l	98
39) Methylcyclohexane	7.379	83	210833	48.981	ug/l	93
40) Benzene	6.031	78	498896	47.836	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	88870	46.747	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	181502	48.150	ug/l	97
43) Isopropyl Acetate	6.336	43	278552	46.723	ug/l	96
44) Trichloroethene	7.123	130	136554	47.016	ug/l	97
45) 1,2-Dichloropropane	7.427	63	131651	48.608	ug/l	98
46) Dibromomethane	7.580	93	94913	48.716	ug/l	93
47) Bromodichloromethane	7.818	83	180915	50.420	ug/l	99
48) Methyl methacrylate	7.690	41	135691	47.611	ug/l #	88
49) 1,4-Dioxane	7.653	88	62157	831.900	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	878912	232.360	ug/l	95
52) Toluene	8.714	92	329187	48.976	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	196064	52.258	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	209993	50.573	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	140683	49.644	ug/l	96
56) Ethyl methacrylate	9.116	69	208604	49.308	ug/l	91
57) 1,3-Dichloropropane	9.305	76	224382	48.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	456546	231.107	ug/l	98
59) 2-Hexanone	9.427	43	679754	230.809	ug/l	93
60) Dibromochloromethane	9.518	129	145645	51.591	ug/l	100
61) 1,2-Dibromoethane	9.610	107	149259	49.746	ug/l	99
64) Tetrachloroethene	9.275	164	117137	47.866	ug/l	97
65) Chlorobenzene	10.079	112	368224	47.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	136236	49.668	ug/l	99
67) Ethyl Benzene	10.195	91	658827	49.095	ug/l	99
68) m/p-Xylenes	10.299	106	515550	99.423	ug/l	96
69) o-Xylene	10.640	106	254547	48.953	ug/l	97
70) Styrene	10.652	104	427271	51.184	ug/l	95
71) Bromoform	10.799	173	109444	50.509	ug/l #	100
73) Isopropylbenzene	10.963	105	679817	45.093	ug/l	98
74) N-amyl acetate	10.841	43	265922	43.554	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	231192	43.604	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	206371m	43.421	ug/l	
77) Bromobenzene	11.195	156	168310	45.106	ug/l	88
78) n-propylbenzene	11.305	91	812949	47.747	ug/l	99
79) 2-Chlorotoluene	11.366	91	469133	44.688	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	593026	46.579	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	65633	44.236	ug/l	90
82) 4-Chlorotoluene	11.451	91	555596	47.010	ug/l	96
83) tert-Butylbenzene	11.713	119	588561	45.740	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	587644	46.391	ug/l	98
85) sec-Butylbenzene	11.890	105	763519	48.910	ug/l	100
86) p-Isopropyltoluene	12.006	119	646800	49.730	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	332972	47.870	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	338760	47.593	ug/l	97
89) n-Butylbenzene	12.329	91	613429	53.839	ug/l	97
90) Hexachloroethane	12.536	117	106519	48.337	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	330477	46.535	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46937	44.410	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	226261	54.087	ug/l	97
94) Hexachlorobutadiene	13.725	225	101938	52.181	ug/l	99
95) Naphthalene	13.774	128	690772	48.825	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	215631	50.089	ug/l	97

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

