

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031293.D
 Acq On : 12 Sep 2022 22:57
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 13 04:12:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	44498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	67166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	71752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52037	49.394	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.780%
35) Dibromofluoromethane	5.391	113	34574	47.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	8.653	98	114510	43.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.120%
62) 4-Bromofluorobenzene	11.085	95	46431	47.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31920	44.637	ug/l	95
3) Chloromethane	1.288	50	22175	40.354	ug/l	97
4) Vinyl Chloride	1.368	62	29654	45.715	ug/l	99
5) Bromomethane	1.599	94	23333	56.298	ug/l	98
6) Chloroethane	1.679	64	20621	56.669	ug/l	95
7) Trichlorofluoromethane	1.880	101	85660	60.602	ug/l	97
8) Diethyl Ether	2.136	74	22612	56.322	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.325	101	35670	44.625	ug/l	94
10) Methyl Iodide	2.447	142	43199	43.707	ug/l #	75
11) Tert butyl alcohol	2.989	59	57811	313.416	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	33742	44.912	ug/l	88
13) Acrolein	2.239	56	31756	217.041	ug/l	96
14) Allyl chloride	2.660	41	36261	35.928	ug/l #	55
15) Acrylonitrile	3.069	53	86456	215.519	ug/l	93
16) Acetone	2.392	43	95922	262.960	ug/l #	87
17) Carbon Disulfide	2.508	76	72650	39.332	ug/l	100
18) Methyl Acetate	2.709	43	40218	42.589	ug/l #	83
19) Methyl tert-butyl Ether	3.123	73	132293	49.577	ug/l #	86
20) Methylene Chloride	2.788	84	35295	41.168	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	35233	42.325	ug/l	93
22) Diisopropyl ether	3.770	45	77970	36.790	ug/l #	92
23) Vinyl Acetate	3.733	43	374713	210.646	ug/l #	85
24) 1,1-Dichloroethane	3.617	63	60243	42.856	ug/l	96
25) 2-Butanone	4.574	43	122142	226.055	ug/l #	85
26) 2,2-Dichloropropane	4.483	77	47787	37.990	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	42078	44.027	ug/l	98
28) Bromochloromethane	4.910	49	18874	37.028	ug/l #	48
29) Tetrahydrofuran	5.026	42	65563	205.524	ug/l #	63
30) Chloroform	5.099	83	82033	49.334	ug/l	96
31) Cyclohexane	5.483	56	42820	36.372	ug/l #	80
32) 1,1,1-Trichloroethane	5.391	97	86073	57.433	ug/l	95
36) 1,1-Dichloropropene	5.702	75	50936	46.470	ug/l	98
37) Ethyl Acetate	4.727	43	45498	46.789	ug/l	98
38) Carbon Tetrachloride	5.684	117	82936	71.914	ug/l	97
39) Methylcyclohexane	7.385	83	55660	44.461	ug/l	89
40) Benzene	6.044	78	137152	46.060	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24823	48.820	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	76316	62.599	ug/l	91
43) Isopropyl Acetate	6.355	43	74845	48.818	ug/l #	95
44) Trichloroethene	7.129	130	43175	51.583	ug/l	99
45) 1,2-Dichloropropane	7.440	63	29237	39.954	ug/l	92
46) Dibromomethane	7.586	93	29361	50.599	ug/l	96
47) Bromodichloromethane	7.830	83	67971	60.217	ug/l	99
48) Methyl methacrylate	7.696	41	38018	50.923	ug/l #	83
49) 1,4-Dioxane	7.678	88	24410	1184.392	ug/l	89
51) 4-Methyl-2-Pentanone	8.580	43	233690	248.922	ug/l	93
52) Toluene	8.720	92	96286	49.026	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	64294	54.677	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	61533	48.742	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	39682	49.145	ug/l	93
56) Ethyl methacrylate	9.122	69	59477	49.997	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	63875	45.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	119092	212.413	ug/l #	82
59) 2-Hexanone	9.433	43	189017	266.239	ug/l	97
60) Dibromochloromethane	9.525	129	54202	65.110	ug/l	100
61) 1,2-Dibromoethane	9.616	107	44546	49.644	ug/l	100
64) Tetrachloroethene	9.281	164	41239	55.210	ug/l	97
65) Chlorobenzene	10.086	112	106724	50.519	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	48664	58.975	ug/l	93
67) Ethyl Benzene	10.195	91	196241	51.260	ug/l	96
68) m/p-Xylenes	10.305	106	148816	104.862	ug/l	87
69) o-Xylene	10.646	106	73720	52.049	ug/l	86
70) Styrene	10.659	104	124959	55.017	ug/l #	92
71) Bromoform	10.805	173	40861	74.321	ug/l #	96
73) Isopropylbenzene	10.963	105	203514	44.340	ug/l	98
74) N-amyl acetate	10.848	43	59952	41.028	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	56559	39.475	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	57345m	39.753	ug/l	
77) Bromobenzene	11.201	156	48320	48.439	ug/l	92
78) n-propylbenzene	11.305	91	223622	42.742	ug/l	99
79) 2-Chlorotoluene	11.366	91	141733	43.727	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	182432	47.279	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.024	75	18313	40.940	ug/l #	79
82) 4-Chlorotoluene	11.457	91	168679	44.979	ug/l	95
83) tert-Butylbenzene	11.719	119	173527	45.619	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	184206	49.105	ug/l	93
85) sec-Butylbenzene	11.896	105	214267	45.482	ug/l	100
86) p-Isopropyltoluene	12.012	119	190461	50.044	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	90478	48.802	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	92857	48.703	ug/l	98
89) n-Butylbenzene	12.335	91	152859	46.583	ug/l	99
90) Hexachloroethane	12.542	117	35435	54.188	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	90733	49.904	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22626	57.499	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	59727	56.176	ug/l	96
94) Hexachlorobutadiene	13.725	225	24995	55.362	ug/l	97
95) Naphthalene	13.780	128	224661	53.941	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61678	56.979	ug/l	97

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

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