

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037863.D
 Acq On : 22 Sep 2023 08:43
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 23 01:18:57 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	251470	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	404064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164387	49.755	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.500%
35) Dibromofluoromethane	5.385	113	143620	53.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.240%
50) Toluene-d8	8.647	98	532763	53.034	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.060%
62) 4-Bromofluorobenzene	11.079	95	208056	56.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	118177	44.586	ug/l	100
3) Chloromethane	1.300	50	123431	42.800	ug/l	96
4) Vinyl Chloride	1.374	62	138000	44.355	ug/l	98
5) Bromomethane	1.599	94	110886	49.784	ug/l	99
6) Chloroethane	1.684	64	95734	44.665	ug/l	97
7) Trichlorofluoromethane	1.886	101	238103	47.602	ug/l	100
8) Diethyl Ether	2.130	74	88014	45.418	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	124315	48.972	ug/l	96
10) Methyl Iodide	2.453	142	146501	43.610	ug/l	93
11) Tert butyl alcohol	2.953	59	135445	190.988	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	114422	46.640	ug/l	85
13) Acrolein	2.233	56	150847	215.309	ug/l	99
14) Allyl chloride	2.666	41	185575	45.417	ug/l	# 95
15) Acrylonitrile	3.062	53	351749	223.082	ug/l	99
16) Acetone	2.373	43	350024	220.225	ug/l	90
17) Carbon Disulfide	2.514	76	268889	43.715	ug/l	99
18) Methyl Acetate	2.703	43	258982	45.169	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	422256	46.789	ug/l	98
20) Methylene Chloride	2.788	84	139515	47.478	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	128541	47.185	ug/l	90
22) Diisopropyl ether	3.757	45	404619	47.540	ug/l	# 90
23) Vinyl Acetate	3.721	43	1485382	237.267	ug/l	95
24) 1,1-Dichloroethane	3.605	63	238046	46.673	ug/l	99
25) 2-Butanone	4.550	43	493958	220.233	ug/l	91
26) 2,2-Dichloropropane	4.471	77	202046	49.027	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	158081	47.333	ug/l	90
28) Bromochloromethane	4.897	49	105372	44.286	ug/l	84
29) Tetrahydrofuran	4.995	42	297431	213.194	ug/l	90
30) Chloroform	5.092	83	261601	47.614	ug/l	96
31) Cyclohexane	5.470	56	198986	46.924	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	226804	48.753	ug/l	98
36) 1,1-Dichloropropene	5.690	75	184018	49.409	ug/l	97
37) Ethyl Acetate	4.708	43	183140	44.730	ug/l	97
38) Carbon Tetrachloride	5.672	117	198621	50.970	ug/l	97
39) Methylcyclohexane	7.379	83	237132	50.167	ug/l	93
40) Benzene	6.037	78	552115	48.207	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	97799	46.845	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	199716	48.247	ug/l	97
43) Isopropyl Acetate	6.336	43	306966	46.887	ug/l	96
44) Trichloroethene	7.123	130	150114	47.065	ug/l	95
45) 1,2-Dichloropropane	7.427	63	144251	48.500	ug/l	97
46) Dibromomethane	7.580	93	105361	49.245	ug/l	93
47) Bromodichloromethane	7.818	83	204336	51.857	ug/l	98
48) Methyl methacrylate	7.689	41	149671	47.822	ug/l #	89
49) 1,4-Dioxane	7.653	88	65575	799.204	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	957304	230.465	ug/l	95
52) Toluene	8.714	92	363421	49.236	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	220338	53.479	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	236879	51.949	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	153964	49.474	ug/l	96
56) Ethyl methacrylate	9.116	69	229610	49.423	ug/l	91
57) 1,3-Dichloropropane	9.305	76	246763	49.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	507802	234.078	ug/l	99
59) 2-Hexanone	9.427	43	778621	240.750	ug/l	93
60) Dibromochloromethane	9.518	129	164818	53.165	ug/l	100
61) 1,2-Dibromoethane	9.610	107	164263	49.854	ug/l	100
64) Tetrachloroethene	9.275	164	128304	47.947	ug/l	98
65) Chlorobenzene	10.079	112	402780	47.589	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	151626	50.553	ug/l	99
67) Ethyl Benzene	10.195	91	727964	49.610	ug/l	99
68) m/p-Xylenes	10.299	106	566568	99.921	ug/l	97
69) o-Xylene	10.640	106	276681	48.661	ug/l	98
70) Styrene	10.652	104	475308	52.070	ug/l	96
71) Bromoform	10.799	173	123837	52.265	ug/l #	98
73) Isopropylbenzene	10.963	105	742535	44.507	ug/l	98
74) N-amyl acetate	10.841	43	294965	43.656	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	254916	43.446	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	229128m	43.564	ug/l	
77) Bromobenzene	11.195	156	186217	45.096	ug/l	88
78) n-propylbenzene	11.305	91	894453	47.472	ug/l	99
79) 2-Chlorotoluene	11.366	91	519076	44.681	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	648340	46.017	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	75510	45.989	ug/l	88
82) 4-Chlorotoluene	11.451	91	611850	46.781	ug/l	96
83) tert-Butylbenzene	11.713	119	644947	45.292	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	649667	46.345	ug/l	98
85) sec-Butylbenzene	11.890	105	839922	48.620	ug/l	99
86) p-Isopropyltoluene	12.006	119	703994	48.912	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	364755	47.386	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	371069	47.109	ug/l	98
89) n-Butylbenzene	12.329	91	672431	53.331	ug/l	98
90) Hexachloroethane	12.536	117	120786	49.530	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	366029	46.574	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50876	43.499	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	242911	52.472	ug/l	96
94) Hexachlorobutadiene	13.725	225	113111	52.321	ug/l	98
95) Naphthalene	13.774	128	741233	47.344	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	238464	50.055	ug/l	98

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

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