

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031273.D
 Acq On : 12 Sep 2022 12:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 01:33:00 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	5.556	168	51898	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	76672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	82354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62458	50.832	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.660%	
35) Dibromofluoromethane	5.385	113	42897	51.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.680%	
50) Toluene-d8	8.653	98	142967	47.096	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.200%	
62) 4-Bromofluorobenzene	11.079	95	58057	52.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	40066	48.040	ug/l	96
3) Chloromethane	1.288	50	26069	40.676	ug/l	98
4) Vinyl Chloride	1.374	62	34916	46.152	ug/l	97
5) Bromomethane	1.605	94	28750	59.477	ug/l	99
6) Chloroethane	1.678	64	23524	55.429	ug/l	100
7) Trichlorofluoromethane	1.880	101	98857	59.966	ug/l	100
8) Diethyl Ether	2.136	74	25256	53.937	ug/l	69
9) 1,1,2-Trichlorotrifluo...	2.325	101	42464	45.550	ug/l	94
10) Methyl Iodide	2.447	142	50289	43.625	ug/l	# 73
11) Tert butyl alcohol	2.977	59	53262	241.319	ug/l	# 95
12) 1,1-Dichloroethene	2.319	96	36339	41.472	ug/l	94
13) Acrolein	2.239	56	36765	215.446	ug/l	98
14) Allyl chloride	2.660	41	43921	37.313	ug/l	# 61
15) Acrylonitrile	3.068	53	93664	200.195	ug/l	95
16) Acetone	2.386	43	103803	243.990	ug/l	# 88
17) Carbon Disulfide	2.508	76	90084	41.817	ug/l	100
18) Methyl Acetate	2.703	43	41828	37.978	ug/l	# 79
19) Methyl tert-butyl Ether	3.117	73	149377	47.997	ug/l	# 87
20) Methylene Chloride	2.782	84	40305	40.308	ug/l	# 83
21) trans-1,2-Dichloroethene	3.087	96	41006	42.236	ug/l	93
22) Diisopropyl ether	3.763	45	90160	36.476	ug/l	# 87
23) Vinyl Acetate	3.721	43	426971	205.799	ug/l	# 86
24) 1,1-Dichloroethane	3.611	63	67941	41.440	ug/l	98
25) 2-Butanone	4.562	43	127845	202.872	ug/l	# 84
26) 2,2-Dichloropropane	4.477	77	84907	57.875	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	48345	43.372	ug/l	97
28) Bromochloromethane	4.897	49	23499	39.528	ug/l	# 46
29) Tetrahydrofuran	5.007	42	68806	184.935	ug/l	# 68
30) Chloroform	5.092	83	93440	48.182	ug/l	97
31) Cyclohexane	5.464	56	50010	36.423	ug/l	# 77
32) 1,1,1-Trichloroethane	5.385	97	98735	56.488	ug/l	95
36) 1,1-Dichloropropene	5.696	75	60326	48.213	ug/l	97
37) Ethyl Acetate	4.715	43	47411	42.712	ug/l	# 95
38) Carbon Tetrachloride	5.678	117	91584	69.567	ug/l	95
39) Methylcyclohexane	7.385	83	68646	48.036	ug/l	93
40) Benzene	6.037	78	158468	46.621	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24563	42.319	ug/l #	78
42) 1,2-Dichloroethane	6.086	62	84115	60.442	ug/l	92
43) Isopropyl Acetate	6.342	43	79652	45.512	ug/l #	94
44) Trichloroethene	7.129	130	51071	53.452	ug/l	93
45) 1,2-Dichloropropane	7.434	63	34243	40.993	ug/l	95
46) Dibromomethane	7.580	93	34017	51.355	ug/l	95
47) Bromodichloromethane	7.824	83	76218	59.152	ug/l	92
48) Methyl methacrylate	7.696	41	40814	47.891	ug/l #	80
49) 1,4-Dioxane	7.677	88	22868	972.006	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	245010	228.623	ug/l	94
52) Toluene	8.720	92	109492	48.838	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	78349	58.369	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	73651	51.108	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	45227	49.067	ug/l	92
56) Ethyl methacrylate	9.116	69	67164	49.459	ug/l	88
57) 1,3-Dichloropropane	9.311	76	72728	45.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	124514	194.549	ug/l #	81
59) 2-Hexanone	9.433	43	192681	237.751	ug/l	95
60) Dibromochloromethane	9.525	129	61587	64.809	ug/l	99
61) 1,2-Dibromoethane	9.610	107	50411	49.215	ug/l	99
64) Tetrachloroethene	9.275	164	48851	56.981	ug/l	99
65) Chlorobenzene	10.079	112	124032	51.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55057	58.133	ug/l	94
67) Ethyl Benzene	10.195	91	229459	52.220	ug/l	99
68) m/p-Xylenes	10.305	106	172744	106.053	ug/l	87
69) o-Xylene	10.640	106	84121	51.746	ug/l	86
70) Styrene	10.659	104	143567	55.072	ug/l #	93
71) Bromoform	10.799	173	45628	72.308	ug/l #	95
73) Isopropylbenzene	10.963	105	235735	46.973	ug/l	98
74) N-amyl acetate	10.841	43	64727	40.512	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	62370	39.812	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	74027m	46.934	ug/l	
77) Bromobenzene	11.201	156	54357	49.836	ug/l	93
78) n-propylbenzene	11.305	91	267035	46.680	ug/l	100
79) 2-Chlorotoluene	11.366	91	164882	46.523	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	209899	49.750	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	23308	47.656	ug/l #	79
82) 4-Chlorotoluene	11.457	91	196037	47.809	ug/l	95
83) tert-Butylbenzene	11.713	119	205505	49.411	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	209778	51.145	ug/l	93
85) sec-Butylbenzene	11.890	105	251689	48.861	ug/l	100
86) p-Isopropyltoluene	12.012	119	219052	52.639	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	105453	52.020	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	106328	51.004	ug/l	98
89) n-Butylbenzene	12.335	91	183539	51.155	ug/l	98
90) Hexachloroethane	12.542	117	40894	57.194	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	102703	51.662	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21675	50.377	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	66889	57.538	ug/l	96
94) Hexachlorobutadiene	13.725	225	31004	62.805	ug/l	98
95) Naphthalene	13.774	128	239976	52.696	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69555	58.767	ug/l	97

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

