

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017446.D
 Acq On : 20 Jul 2020 19:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 21 02:59:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	284107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	450719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185414	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	5.46	113	152587	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.70	98	552034	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.12	95	230078	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126098	52.453	ug/l	100
3) Chloromethane	1.31	50	137264	50.717	ug/l	97
4) Vinyl Chloride	1.39	62	138006	51.544	ug/l	100
5) Bromomethane	1.62	94	69099	39.644	ug/l	96
6) Chloroethane	1.70	64	85681	50.698	ug/l	99
7) Trichlorofluoromethane	1.91	101	223221	49.395	ug/l	100
8) Diethyl Ether	2.17	74	80539	50.418	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	135586	52.669	ug/l	98
10) Methyl Iodide	2.49	142	154217	45.429	ug/l	98
11) Tert butyl alcohol	3.02	59	171519	285.499	ug/l	99
12) 1,1-Dichloroethene	2.36	96	133845	51.768	ug/l	93
13) Acrolein	2.28	56	45016	136.691	ug/l	100
14) Allyl chloride	2.70	41	241074	53.812	ug/l	96
15) Acrylonitrile	3.12	53	408544	280.523	ug/l	100
16) Acetone	2.42	43	340386	267.574	ug/l	99
17) Carbon Disulfide	2.55	76	371212	49.218	ug/l	99
18) Methyl Acetate	2.75	43	181911	57.896	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	469475	53.477	ug/l	99
20) Methylene Chloride	2.84	84	155096	49.970	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	149047	50.386	ug/l	99
22) Diisopropyl ether	3.82	45	475206	55.686	ug/l	97
23) Vinyl Acetate	3.79	43	2116645	282.028	ug/l	99
24) 1,1-Dichloroethane	3.67	63	265099	52.859	ug/l	99
25) 2-Butanone	4.64	43	562753	278.522	ug/l	99
26) 2,2-Dichloropropane	4.56	77	207775	44.515	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	167341	51.586	ug/l	99
28) Bromochloromethane	4.98	49	132588	57.228	ug/l	96
29) Tetrahydrofuran	5.09	42	368622	281.841	ug/l	97
30) Chloroform	5.18	83	276095	51.168	ug/l	99
31) Cyclohexane	5.55	56	218149	53.133	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	250876	50.294	ug/l	98
36) 1,1-Dichloropropene	5.77	75	198726	47.934	ug/l	99
37) Ethyl Acetate	4.79	43	217648	50.764	ug/l	99
38) Carbon Tetrachloride	5.76	117	227674	46.905	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216142	48.009	ug/l	99
40) Benzene	6.11	78	594970	49.937	ug/l	100
41) Methacrylonitrile	5.01	41	118800	51.614	ug/l	99
42) 1,2-Dichloroethane	6.17	62	222160	47.992	ug/l	100
43) Isopropyl Acetate	6.41	43	353913	51.659	ug/l	99
44) Trichloroethene	7.19	130	165474	45.468	ug/l	93
45) 1,2-Dichloropropane	7.49	63	156156	51.222	ug/l	99
46) Dibromomethane	7.63	93	108651	49.416	ug/l	96
47) Bromodichloromethane	7.88	83	226531	49.281	ug/l	97
48) Methyl methacrylate	7.74	41	175885	53.500	ug/l	99
49) 1,4-Dioxane	7.71	88	71520	1063.051	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1130301	270.578	ug/l	99
52) Toluene	8.76	92	381642	49.915	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	244432	49.359	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	258645	48.969	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	161810	50.752	ug/l	98
56) Ethyl methacrylate	9.16	69	242325	53.535	ug/l	99
57) 1,3-Dichloropropane	9.35	76	264217	49.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	658739	286.619	ug/l	98
59) 2-Hexanone	9.48	43	861523	273.250	ug/l	98
60) Dibromochloromethane	9.57	129	193129	49.585	ug/l	99
61) 1,2-Dibromoethane	9.65	107	170238	49.083	ug/l	98
64) Tetrachloroethene	9.32	164	155704	40.643	ug/l	96
65) Chlorobenzene	10.12	112	426153	47.377	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	170844	47.706	ug/l	99
67) Ethyl Benzene	10.24	91	738443	49.315	ug/l	99
68) m/p-Xylenes	10.34	106	565237	99.211	ug/l	100
69) o-Xylene	10.68	106	273435	50.226	ug/l	100
70) Styrene	10.70	104	489189	52.348	ug/l	98
71) Bromoform	10.84	173	150293	49.734	ug/l #	99
73) Isopropylbenzene	11.00	105	738348	48.189	ug/l	99
74) N-amyl acetate	10.88	43	331566	54.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	239780	51.542	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	222611m	49.289	ug/l	
77) Bromobenzene	11.24	156	204688	46.905	ug/l	97
78) n-propylbenzene	11.34	91	849717	49.380	ug/l	100
79) 2-Chlorotoluene	11.40	91	511988	48.282	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	631548	48.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	83180	46.720	ug/l	100
82) 4-Chlorotoluene	11.49	91	618445	49.211	ug/l	99
83) tert-Butylbenzene	11.76	119	630989	50.187	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	647161	49.252	ug/l	99
85) sec-Butylbenzene	11.93	105	725184	49.267	ug/l	99
86) p-Isopropyltoluene	12.05	119	674027	48.395	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	353575	45.292	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	363000	46.025	ug/l	99
89) n-Butylbenzene	12.37	91	578325	48.688	ug/l	99
90) Hexachloroethane	12.58	117	128730	48.685	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	338099	46.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55253	45.012	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	225514	44.283	ug/l	99
94) Hexachlorobutadiene	13.76	225	87312	42.042	ug/l	98
95) Naphthalene	13.82	128	744812	49.743	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	219368	44.594	ug/l	99

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

