

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017032.D
 Acq On : 30 Jun 2020 09:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:09 AM

Quant Time: Jul 01 08:07:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	297560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	444379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169426	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	5.46	113	141405	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.70	98	520307	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.12	95	202929	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	149548	51.950	ug/l	96
3) Chloromethane	1.32	50	163578	46.944	ug/l	100
4) Vinyl Chloride	1.39	62	156026	48.261	ug/l	98
5) Bromomethane	1.62	94	88889	52.040	ug/l	100
6) Chloroethane	1.71	64	94128	49.297	ug/l	98
7) Trichlorofluoromethane	1.92	101	247625	51.789	ug/l	98
8) Diethyl Ether	2.17	74	84912	52.759	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137093	47.838	ug/l	98
10) Methyl Iodide	2.49	142	187252	50.638	ug/l	99
11) Tert butyl alcohol	3.01	59	156664	223.868	ug/l	99
12) 1,1-Dichloroethene	2.36	96	131522	44.675	ug/l	96
13) Acrolein	2.27	56	93688	223.957	ug/l	98
14) Allyl chloride	2.71	41	255875	47.030	ug/l	98
15) Acrylonitrile	3.11	53	394088	234.255	ug/l	100
16) Acetone	2.42	43	282134	205.595	ug/l	97
17) Carbon Disulfide	2.55	76	424445	51.665	ug/l	99
18) Methyl Acetate	2.75	43	166434	46.459	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	488954	49.487	ug/l	99
20) Methylene Chloride	2.83	84	162705	51.724	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	161760	49.513	ug/l	98
22) Diisopropyl ether	3.82	45	508533	50.501	ug/l	93
23) Vinyl Acetate	3.78	43	2215567	256.047	ug/l	100
24) 1,1-Dichloroethane	3.67	63	279576	48.795	ug/l	99
25) 2-Butanone	4.63	43	520976	227.841	ug/l	99
26) 2,2-Dichloropropane	4.55	77	255117	50.147	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	175538	47.420	ug/l	98
28) Bromochloromethane	4.98	49	134201	48.133	ug/l	100
29) Tetrahydrofuran	5.09	42	354451	234.613	ug/l	99
30) Chloroform	5.17	83	289795	49.340	ug/l	99
31) Cyclohexane	5.54	56	254291	51.346	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	262849	48.593	ug/l	99
36) 1,1-Dichloropropene	5.76	75	219902	52.359	ug/l	99
37) Ethyl Acetate	4.79	43	212881	49.957	ug/l	99
38) Carbon Tetrachloride	5.75	117	249740	53.987	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	261654	55.993	ug/l	98
40) Benzene	6.11	78	639261	51.804	ug/l	97
41) Methacrylonitrile	5.00	41	122200	50.952	ug/l	98
42) 1,2-Dichloroethane	6.16	62	228925	51.359	ug/l	100
43) Isopropyl Acetate	6.41	43	351636	49.659	ug/l	99
44) Trichloroethene	7.18	130	186373	54.761	ug/l	96
45) 1,2-Dichloropropane	7.49	63	166478	52.526	ug/l	99
46) Dibromomethane	7.63	93	111989	51.754	ug/l	99
47) Bromodichloromethane	7.87	83	235280	52.762	ug/l	95
48) Methyl methacrylate	7.74	41	175589	52.194	ug/l	99
49) 1,4-Dioxane	7.71	88	75565	991.485	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1082666	256.496	ug/l	100
52) Toluene	8.76	92	408597	53.034	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	257364	52.309	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	279075	52.912	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166815	52.994	ug/l	98
56) Ethyl methacrylate	9.16	69	241799	53.968	ug/l	99
57) 1,3-Dichloropropane	9.35	76	274759	51.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660041	296.004	ug/l	100
59) 2-Hexanone	9.47	43	822031	266.657	ug/l	99
60) Dibromochloromethane	9.56	129	195264	53.408	ug/l	99
61) 1,2-Dibromoethane	9.65	107	176768	52.243	ug/l	100
64) Tetrachloroethene	9.32	164	178157	53.321	ug/l	94
65) Chlorobenzene	10.12	112	449155	52.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	173508	52.690	ug/l	99
67) Ethyl Benzene	10.23	91	781821	54.789	ug/l	98
68) m/p-Xylenes	10.34	106	613274	111.930	ug/l	99
69) o-Xylene	10.68	106	289263	55.497	ug/l	99
70) Styrene	10.70	104	507871	57.219	ug/l	100
71) Bromoform	10.84	173	144175	55.211	ug/l #	99
73) Isopropylbenzene	11.00	105	789445	54.070	ug/l	100
74) N-amyl acetate	10.88	43	324528	52.092	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	230013	50.083	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224666m	51.255	ug/l	
77) Bromobenzene	11.24	156	204255	50.902	ug/l	99
78) n-propylbenzene	11.34	91	911934	55.233	ug/l	100
79) 2-Chlorotoluene	11.40	91	536797	53.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	674370	55.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	87951	51.962	ug/l #	92
82) 4-Chlorotoluene	11.49	91	639877	53.567	ug/l	100
83) tert-Butylbenzene	11.76	119	646835	54.409	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	681271	55.450	ug/l	99
85) sec-Butylbenzene	11.93	105	775797	55.515	ug/l	98
86) p-Isopropyltoluene	12.05	119	721991	55.498	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	370368	50.819	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	375096	54.594	ug/l	99
89) n-Butylbenzene	12.37	91	629694	54.209	ug/l	100
90) Hexachloroethane	12.58	117	136688	53.280	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	344558	50.579	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51541	47.044	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	238107	51.209	ug/l	99
94) Hexachlorobutadiene	13.76	225	97730	55.291	ug/l	97
95) Naphthalene	13.82	128	749753	53.039	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	233955	51.992	ug/l	99

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

