

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017084.D
 Acq On : 01 Jul 2020 07:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:47:53 AM

Quant Time: Jul 01 09:12:48 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	249323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	398476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	155869	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.46	113	128046	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	8.70	98	467351	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.12	95	188074	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119150	49.398	ug/l	96
3) Chloromethane	1.31	50	127787	43.768	ug/l	99
4) Vinyl Chloride	1.39	62	124449	45.941	ug/l	99
5) Bromomethane	1.62	94	68774	48.054	ug/l	99
6) Chloroethane	1.71	64	73933	46.211	ug/l	97
7) Trichlorofluoromethane	1.92	101	198685	49.593	ug/l	100
8) Diethyl Ether	2.17	74	68947	51.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	115434	48.073	ug/l	98
10) Methyl Iodide	2.49	142	133863	43.204	ug/l	100
11) Tert butyl alcohol	3.01	59	143720	245.105	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116693	47.307	ug/l	99
13) Acrolein	2.27	56	69486	198.239	ug/l	97
14) Allyl chloride	2.71	41	199505	43.764	ug/l	98
15) Acrylonitrile	3.12	53	347002	246.172	ug/l	99
16) Acetone	2.42	43	293374	255.147	ug/l	99
17) Carbon Disulfide	2.55	76	337151	48.981	ug/l	99
18) Methyl Acetate	2.75	43	156057	51.991	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	409926	49.516	ug/l	99
20) Methylene Chloride	2.84	84	136339	51.728	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	133670	48.831	ug/l	98
22) Diisopropyl ether	3.82	45	414701	49.151	ug/l	97
23) Vinyl Acetate	3.79	43	1809059	249.516	ug/l	99
24) 1,1-Dichloroethane	3.67	63	232767	48.485	ug/l	99
25) 2-Butanone	4.64	43	467439	243.978	ug/l	99
26) 2,2-Dichloropropane	4.56	77	130723	30.667	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	144061	46.447	ug/l	96
28) Bromochloromethane	4.98	49	106767	45.702	ug/l	97
29) Tetrahydrofuran	5.09	42	310833	245.547	ug/l	100
30) Chloroform	5.18	83	240252	48.819	ug/l	97
31) Cyclohexane	5.55	56	196741	47.411	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	222285	49.045	ug/l	99
36) 1,1-Dichloropropene	5.78	75	175231	46.529	ug/l	99
37) Ethyl Acetate	4.79	43	183287	47.967	ug/l	98
38) Carbon Tetrachloride	5.76	117	202304	48.771	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	194482	46.413	ug/l	96
40) Benzene	6.12	78	521366	47.117	ug/l	99
41) Methacrylonitrile	5.01	41	104603	48.639	ug/l	98
42) 1,2-Dichloroethane	6.16	62	196686	49.210	ug/l	100
43) Isopropyl Acetate	6.42	43	300353	47.303	ug/l	100
44) Trichloroethene	7.19	130	150382	49.245	ug/l	99
45) 1,2-Dichloropropane	7.49	63	136049	47.870	ug/l	99
46) Dibromomethane	7.64	93	94195	48.546	ug/l	98
47) Bromodichloromethane	7.88	83	196853	49.230	ug/l	99
48) Methyl methacrylate	7.74	41	152265	50.475	ug/l	98
49) 1,4-Dioxane	7.71	88	65573	959.493	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	946984	250.196	ug/l	100
52) Toluene	8.77	92	337197	48.808	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	199704	45.265	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	212974	45.031	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	140806	49.884	ug/l	97
56) Ethyl methacrylate	9.16	69	204529	50.909	ug/l	99
57) 1,3-Dichloropropane	9.35	76	228807	47.906	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	528881	264.506	ug/l	100
59) 2-Hexanone	9.48	43	721143	260.878	ug/l	99
60) Dibromochloromethane	9.57	129	166045	50.648	ug/l	100
61) 1,2-Dibromoethane	9.65	107	149546	49.289	ug/l	99
64) Tetrachloroethene	9.32	164	142652	45.730	ug/l	99
65) Chlorobenzene	10.12	112	372744	46.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146580	47.677	ug/l	98
67) Ethyl Benzene	10.24	91	648902	48.707	ug/l	100
68) m/p-Xylenes	10.34	106	496861	97.130	ug/l	98
69) o-Xylene	10.68	106	237441	48.793	ug/l	99
70) Styrene	10.70	104	423034	51.049	ug/l	100
71) Bromoform	10.84	173	126848	52.029	ug/l #	99
73) Isopropylbenzene	11.00	105	649694	47.975	ug/l	100
74) N-amyl acetate	10.88	43	279114	48.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	197895	46.456	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	181633m	44.675	ug/l	
77) Bromobenzene	11.24	156	177390	47.661	ug/l	97
78) n-propylbenzene	11.34	91	733955	47.927	ug/l	100
79) 2-Chlorotoluene	11.40	91	445666	48.085	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	550110	48.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	64343	40.984	ug/l	99
82) 4-Chlorotoluene	11.49	91	525498	47.429	ug/l	100
83) tert-Butylbenzene	11.76	119	536895	48.689	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	555358	48.733	ug/l	100
85) sec-Butylbenzene	11.93	105	623346	48.091	ug/l	99
86) p-Isopropyltoluene	12.05	119	580485	48.107	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	303782	44.940	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	306929	48.140	ug/l	99
89) n-Butylbenzene	12.37	91	481269	44.669	ug/l	99
90) Hexachloroethane	12.58	117	111419	46.824	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	294716	46.642	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44861	44.146	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	193632	44.897	ug/l	99
94) Hexachlorobutadiene	13.76	225	74826	45.788	ug/l	94
95) Naphthalene	13.82	128	627975	47.895	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	191534	45.890	ug/l	99

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

