

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017030.D
 Acq On : 30 Jun 2020 00:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 9:47:30 AM

Quant Time: Jun 30 06:52:11 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	273516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	448657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	176275	52.28	ug/l	0.00
Spiked Amount						
			Recovery	=	104.56%	
35) Dibromofluoromethane	5.46	113	145896	51.41	ug/l	0.00
Spiked Amount						
			Recovery	=	102.82%	
50) Toluene-d8	8.70	98	540841	51.54	ug/l	0.00
Spiked Amount						
			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.12	95	215378	52.50	ug/l	0.00
Spiked Amount						
			Recovery	=	105.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	132545	50.091	ug/l	100
3) Chloromethane	1.31	50	151360	47.256	ug/l	99
4) Vinyl Chloride	1.39	62	144587	48.654	ug/l	99
5) Bromomethane	1.62	94	79809	50.832	ug/l	100
6) Chloroethane	1.71	64	85228	48.559	ug/l	99
7) Trichlorofluoromethane	1.92	101	212872	48.434	ug/l	100
8) Diethyl Ether	2.17	74	78315	52.936	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129158	49.031	ug/l	99
10) Methyl Iodide	2.49	142	155150	45.645	ug/l	98
11) Tert butyl alcohol	3.02	59	163831	254.689	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132324	48.899	ug/l	96
13) Acrolein	2.27	56	86685	225.432	ug/l	96
14) Allyl chloride	2.71	41	237038	47.398	ug/l	100
15) Acrylonitrile	3.12	53	396669	256.516	ug/l	100
16) Acetone	2.42	43	320546	254.120	ug/l	100
17) Carbon Disulfide	2.55	76	383719	50.814	ug/l	100
18) Methyl Acetate	2.75	43	169025	51.330	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	459778	50.625	ug/l	100
20) Methylene Chloride	2.84	84	153835	53.226	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	148579	49.476	ug/l	96
22) Diisopropyl ether	3.82	45	477615	51.600	ug/l	97
23) Vinyl Acetate	3.79	43	2099997	264.025	ug/l	100
24) 1,1-Dichloroethane	3.67	63	262022	49.751	ug/l	98
25) 2-Butanone	4.64	43	547535	260.506	ug/l	100
26) 2,2-Dichloropropane	4.55	77	190782	40.798	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	167057	49.097	ug/l	98
28) Bromochloromethane	4.98	49	123974	48.374	ug/l	99
29) Tetrahydrofuran	5.09	42	363379	261.666	ug/l	99
30) Chloroform	5.18	83	268823	49.793	ug/l	98
31) Cyclohexane	5.55	56	228218	50.132	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	245383	49.352	ug/l	99
36) 1,1-Dichloropropene	5.77	75	198365	46.780	ug/l	99
37) Ethyl Acetate	4.79	43	216035	50.214	ug/l	100
38) Carbon Tetrachloride	5.76	117	220236	47.155	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	223358	47.342	ug/l	99
40) Benzene	6.12	78	594619	47.727	ug/l	99
41) Methacrylonitrile	5.01	41	118855	49.084	ug/l	99
42) 1,2-Dichloroethane	6.17	62	215616	47.912	ug/l	100
43) Isopropyl Acetate	6.42	43	350560	49.035	ug/l	99
44) Trichloroethene	7.19	130	169685	49.352	ug/l	99
45) 1,2-Dichloropropane	7.49	63	153023	47.820	ug/l	99
46) Dibromomethane	7.64	93	106622	48.804	ug/l	98
47) Bromodichloromethane	7.88	83	218169	48.458	ug/l	98
48) Methyl methacrylate	7.74	41	174610	51.408	ug/l	99
49) 1,4-Dioxane	7.71	88	77585	1008.283	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1098219	257.700	ug/l	99
52) Toluene	8.76	92	382069	49.118	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	235676	47.444	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	252186	47.358	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	157408	49.529	ug/l	100
56) Ethyl methacrylate	9.16	69	234321	51.801	ug/l	99
57) 1,3-Dichloropropane	9.35	76	260310	48.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	629548	279.637	ug/l	100
59) 2-Hexanone	9.47	43	835579	268.468	ug/l	98
60) Dibromochloromethane	9.57	129	184194	49.900	ug/l	99
61) 1,2-Dibromoethane	9.65	107	167220	48.950	ug/l	100
64) Tetrachloroethene	9.32	164	157733	45.287	ug/l	96
65) Chlorobenzene	10.12	112	415447	46.643	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	162765	47.417	ug/l	99
67) Ethyl Benzene	10.24	91	727406	48.902	ug/l	98
68) m/p-Xylenes	10.34	106	561905	98.382	ug/l	100
69) o-Xylene	10.68	106	267305	49.197	ug/l	99
70) Styrene	10.70	104	473855	51.215	ug/l	100
71) Bromoform	10.84	173	138773	50.981	ug/l #	98
73) Isopropylbenzene	11.00	105	725126	48.968	ug/l	100
74) N-amyl acetate	10.88	43	321163	50.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	220611	47.362	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	210225m	47.288	ug/l	
77) Bromobenzene	11.24	156	189822	46.642	ug/l	98
78) n-propylbenzene	11.34	91	817981	48.848	ug/l	99
79) 2-Chlorotoluene	11.40	91	491218	48.470	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	613127	49.917	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	79918	46.554	ug/l	97
82) 4-Chlorotoluene	11.49	91	580865	47.945	ug/l	99
83) tert-Butylbenzene	11.76	119	592999	49.181	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	624335	50.103	ug/l	100
85) sec-Butylbenzene	11.93	105	701278	49.479	ug/l	99
86) p-Isopropyltoluene	12.05	119	651128	49.349	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	335825	45.433	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	334037	47.913	ug/l	99
89) n-Butylbenzene	12.37	91	546390	46.378	ug/l	100
90) Hexachloroethane	12.58	117	125715	48.316	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	323716	46.853	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52372	47.132	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	214687	45.525	ug/l	99
94) Hexachlorobutadiene	13.77	225	80243	44.922	ug/l	95
95) Naphthalene	13.82	128	728177	50.790	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	208168	45.613	ug/l	98

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

