

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016516.D
 Acq On : 01 Jun 2020 09:51
 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
 6/2/2020 11:34:58 AM

Quant Time: Jun 02 01:53:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	307171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	468946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	178728	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	5.46	113	141866	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.70	98	567484	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.12	95	217506	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	157928	52.244	ug/l	98
3) Chloromethane	1.31	50	173119	47.390	ug/l	99
4) Vinyl Chloride	1.39	62	196277	50.807	ug/l	100
5) Bromomethane	1.62	94	94463	50.290	ug/l	99
6) Chloroethane	1.70	64	117399	52.096	ug/l	98
7) Trichlorofluoromethane	1.92	101	266035	52.436	ug/l	99
8) Diethyl Ether	2.17	74	105996	50.103	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150576	53.926	ug/l	99
10) Methyl Iodide	2.49	142	162839	48.885	ug/l	99
11) Tert butyl alcohol	3.01	59	216141	220.958	ug/l	100
12) 1,1-Dichloroethene	2.35	96	152979	51.758	ug/l	97
13) Acrolein	2.27	56	107724	258.881	ug/l	98
14) Allyl chloride	2.70	41	270696	49.801	ug/l	99
15) Acrylonitrile	3.11	53	479779	239.437	ug/l	99
16) Acetone	2.42	43	398072	238.182	ug/l	100
17) Carbon Disulfide	2.55	76	440604	50.199	ug/l	100
18) Methyl Acetate	2.75	43	208472	48.634	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	549134	51.740	ug/l	99
20) Methylene Chloride	2.83	84	168542	48.742	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	167292	51.171	ug/l	93
22) Diisopropyl ether	3.82	45	531523	50.903	ug/l	94
23) Vinyl Acetate	3.78	43	2324339	254.307	ug/l	98
24) 1,1-Dichloroethane	3.67	63	297851	50.538	ug/l	99
25) 2-Butanone	4.63	43	635187	224.294	ug/l	98
26) 2,2-Dichloropropane	4.54	77	275630	57.154	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	189054	49.986	ug/l	98
28) Bromochloromethane	4.98	49	130156	47.524	ug/l	96
29) Tetrahydrofuran	5.08	42	434310	237.384	ug/l	99
30) Chloroform	5.17	83	299966	50.513	ug/l	100
31) Cyclohexane	5.54	56	266299	50.225	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	274516	51.060	ug/l	99
36) 1,1-Dichloropropene	5.76	75	234301	52.770	ug/l	99
37) Ethyl Acetate	4.79	43	255387	47.909	ug/l	99
38) Carbon Tetrachloride	5.75	117	249923	53.562	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	267664	55.502	ug/l	99
40) Benzene	6.11	78	693013	52.413	ug/l	100
41) Methacrylonitrile	5.00	41	140496	47.983	ug/l	99
42) 1,2-Dichloroethane	6.16	62	240184	51.080	ug/l	99
43) Isopropyl Acetate	6.40	43	411598	49.502	ug/l	98
44) Trichloroethene	7.18	130	230294	54.896	ug/l	95
45) 1,2-Dichloropropane	7.49	63	175564	52.157	ug/l	97
46) Dibromomethane	7.63	93	115806	51.221	ug/l	99
47) Bromodichloromethane	7.87	83	246485	52.653	ug/l	99
48) Methyl methacrylate	7.74	41	198734	49.919	ug/l	97
49) 1,4-Dioxane	7.71	88	88021	944.748	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1286072	248.405	ug/l	99
52) Toluene	8.76	92	448339	53.772	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	291641	54.787	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	308338	54.724	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	173270	52.267	ug/l	97
56) Ethyl methacrylate	9.16	69	289634	53.645	ug/l	98
57) 1,3-Dichloropropane	9.35	76	299984	52.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	742955	263.635	ug/l	99
59) 2-Hexanone	9.47	43	1020947	253.577	ug/l	99
60) Dibromochloromethane	9.57	129	200001	53.609	ug/l	99
61) 1,2-Dibromoethane	9.65	107	186324	52.485	ug/l	100
64) Tetrachloroethene	9.32	164	271910	55.898	ug/l	97
65) Chlorobenzene	10.12	112	475328	53.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	180098	53.226	ug/l	98
67) Ethyl Benzene	10.23	91	852684	54.029	ug/l	99
68) m/p-Xylenes	10.34	106	646543	110.492	ug/l	100
69) o-Xylene	10.68	106	305447	53.900	ug/l	98
70) Styrene	10.69	104	536987	55.129	ug/l	100
71) Bromoform	10.84	173	155352	54.325	ug/l #	99
73) Isopropylbenzene	11.00	105	822388	54.775	ug/l	100
74) N-amyl acetate	10.88	43	357927	51.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	177531	47.181	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	250789m	52.655	ug/l	
77) Bromobenzene	11.24	156	211622	53.740	ug/l	98
78) n-propylbenzene	11.34	91	927818	55.314	ug/l	100
79) 2-Chlorotoluene	11.40	91	561572	54.848	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	699647	55.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	103974	53.698	ug/l #	88
82) 4-Chlorotoluene	11.49	91	662333	54.780	ug/l	100
83) tert-Butylbenzene	11.76	119	585804	54.688	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	701095	55.299	ug/l	100
85) sec-Butylbenzene	11.93	105	750078	55.820	ug/l	100
86) p-Isopropyltoluene	12.05	119	714607	56.771	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	365851	53.626	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	379456	54.383	ug/l	99
89) n-Butylbenzene	12.37	91	616047	58.758	ug/l	99
90) Hexachloroethane	12.58	117	119133	54.794	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	351359	53.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60577	49.702	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	248126	56.524	ug/l	99
94) Hexachlorobutadiene	13.77	225	109684	63.639	ug/l	95
95) Naphthalene	13.82	128	814714	54.139	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	242469	56.380	ug/l	97

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

