

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX052920\
 Data File : VX016514.D
 Acq On : 29 May 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:28:23 PM

Quant Time: May 30 03:57:30 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	5.64	168	355447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	569125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	530429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	199739	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
35) Dibromofluoromethane	5.46	113	163730	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	8.70	98	640304	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.12	95	242957	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156993	44.88	ug/l	95
3) Chloromethane	1.31	50	172691	40.85	ug/l	100
4) Vinyl Chloride	1.39	62	190130	42.53	ug/l	98
5) Bromomethane	1.62	94	97856	45.02	ug/l	98
6) Chloroethane	1.70	64	116743	44.77	ug/l	94
7) Trichlorofluoromethane	1.92	101	252593	43.02	ug/l	99
8) Diethyl Ether	2.17	74	106768	43.61	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156556	48.45	ug/l	98
10) Methyl Iodide	2.49	142	165518	43.31	ug/l	97
11) Tert butyl alcohol	3.01	59	264529	233.70	ug/l	100
12) 1,1-Dichloroethene	2.36	96	164440	48.08	ug/l	99
13) Acrolein	2.27	56	113610	235.94	ug/l	99
14) Allyl chloride	2.71	41	308852	49.10	ug/l	98
15) Acrylonitrile	3.12	53	573416	247.30	ug/l	98
16) Acetone	2.42	43	470963	243.52	ug/l	100
17) Carbon Disulfide	2.55	76	479037	47.16	ug/l	99
18) Methyl Acetate	2.75	43	247133	49.82	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	602433	49.05	ug/l	100
20) Methylene Chloride	2.83	84	188126	47.02	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	183295	48.45	ug/l	97
22) Diisopropyl ether	3.82	45	582651	48.22	ug/l	99
23) Vinyl Acetate	3.79	43	2613678	247.12	ug/l	98
24) 1,1-Dichloroethane	3.67	63	327841	48.07	ug/l	99
25) 2-Butanone	4.64	43	795725	242.82	ug/l	98
26) 2,2-Dichloropropane	4.55	77	292936	52.49	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	209475	47.86	ug/l	99
28) Bromochloromethane	4.98	49	143477	45.27	ug/l	96
29) Tetrahydrofuran	5.09	42	521966	246.55	ug/l	98
30) Chloroform	5.18	83	328324	47.78	ug/l	99
31) Cyclohexane	5.55	56	297490	48.49	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	294615	47.36	ug/l	99
36) 1,1-Dichloropropene	5.77	75	252486	46.86	ug/l	98
37) Ethyl Acetate	4.79	43	298526	46.14	ug/l	98
38) Carbon Tetrachloride	5.75	117	259863	45.89	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	301161	51.46	ug/l	99
40) Benzene	6.12	78	808219	50.37	ug/l	99
41) Methacrylonitrile	5.00	41	162177	45.64	ug/l	99
42) 1,2-Dichloroethane	6.16	62	259738	45.51	ug/l	99
43) Isopropyl Acetate	6.42	43	481365	47.70	ug/l	99
44) Trichloroethene	7.19	130	226440	44.48	ug/l	95
45) 1,2-Dichloropropane	7.49	63	194971	47.73	ug/l	98
46) Dibromomethane	7.64	93	127813	46.58	ug/l	97
47) Bromodichloromethane	7.88	83	265437	46.72	ug/l	99
48) Methyl methacrylate	7.74	41	230216	47.65	ug/l	97
49) 1,4-Dioxane	7.71	88	100116	885.42	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1521445	242.14	ug/l	99
52) Toluene	8.77	92	706771	69.85	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	313843	48.58	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	336844	49.26	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	193430	48.08	ug/l	98
56) Ethyl methacrylate	9.16	69	325848	49.73	ug/l	99
57) 1,3-Dichloropropane	9.35	76	332431	48.14	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	832919	243.53	ug/l	99
59) 2-Hexanone	9.48	43	1183277	242.16	ug/l	98
60) Dibromochloromethane	9.57	129	217127	47.96	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208872	48.48	ug/l	99
64) Tetrachloroethene	9.32	164	246218	41.49	ug/l	98
65) Chlorobenzene	10.12	112	512387	47.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	196380	47.57	ug/l	99
67) Ethyl Benzene	10.24	91	1007112	52.31	ug/l	99
68) m/p-Xylenes	10.34	106	802319	112.39	ug/l	100
69) o-Xylene	10.68	106	375934	54.38	ug/l	96
70) Styrene	10.70	104	588299	49.51	ug/l	99
71) Bromoform	10.84	173	167465	48.00	ug/l #	99
73) Isopropylbenzene	11.01	105	892662	50.46	ug/l	100
74) N-amyl acetate	10.88	43	420356	51.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	249639	56.30	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	280849m	50.04	ug/l	
77) Bromobenzene	11.24	156	226588	48.83	ug/l	99
78) n-propylbenzene	11.34	91	1023428	51.78	ug/l	99
79) 2-Chlorotoluene	11.40	91	613248	50.83	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	778491	52.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	117637	51.56	ug/l	98
82) 4-Chlorotoluene	11.49	91	707206	49.64	ug/l	100
83) tert-Butylbenzene	11.76	119	667262	52.86	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	891065	59.65	ug/l	100
85) sec-Butylbenzene	11.93	105	812786	51.33	ug/l	100
86) p-Isopropyltoluene	12.05	119	769250	51.86	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	388419	48.32	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	394394	47.97	ug/l	99
89) n-Butylbenzene	12.37	91	652016	52.78	ug/l	98
90) Hexachloroethane	12.58	117	133594	52.14	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	376498	48.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70859	49.34	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	274912	53.15	ug/l	99
94) Hexachlorobutadiene	13.77	225	108307	53.33	ug/l	97
95) Naphthalene	13.82	128	1008653	56.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	261251	51.55	ug/l	98

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

