

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX052920\
 Data File : VX016501.D
 Acq On : 29 May 2020 11:05
 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
 6/1/2020 12:28:03 PM

Quant Time: May 30 01:48:23 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	318820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	488380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222136	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	186448	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	5.46	113	148497	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.70	98	592971	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.12	95	220871	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	159907	50.97	ug/l	97
3) Chloromethane	1.31	50	182523	48.14	ug/l	100
4) Vinyl Chloride	1.39	62	198044	49.39	ug/l	99
5) Bromomethane	1.62	94	104373	53.54	ug/l	98
6) Chloroethane	1.71	64	119292	51.00	ug/l	98
7) Trichlorofluoromethane	1.92	101	265622	50.44	ug/l	99
8) Diethyl Ether	2.17	74	107273	48.85	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	148229	51.15	ug/l	99
10) Methyl Iodide	2.49	142	168549	48.76	ug/l	99
11) Tert butyl alcohol	3.01	59	220568	217.25	ug/l	99
12) 1,1-Dichloroethene	2.36	96	150985	49.22	ug/l	97
13) Acrolein	2.27	56	115271	266.90	ug/l	97
14) Allyl chloride	2.70	41	274224	48.61	ug/l	99
15) Acrylonitrile	3.11	53	488301	234.79	ug/l	99
16) Acetone	2.42	43	412050	237.54	ug/l	99
17) Carbon Disulfide	2.55	76	439582	48.25	ug/l	100
18) Methyl Acetate	2.75	43	211140	47.46	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	543441	49.33	ug/l	99
20) Methylene Chloride	2.83	84	168457	46.94	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	166981	49.21	ug/l	95
22) Diisopropyl ether	3.82	45	537955	49.64	ug/l	95
23) Vinyl Acetate	3.78	43	2381555	251.05	ug/l	99
24) 1,1-Dichloroethane	3.67	63	299246	48.92	ug/l	99
25) 2-Butanone	4.63	43	662793	225.49	ug/l	99
26) 2,2-Dichloropropane	4.55	77	274004	54.74	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	189228	48.20	ug/l	99
28) Bromochloromethane	4.98	49	129063	45.40	ug/l	97
29) Tetrahydrofuran	5.08	42	448919	236.40	ug/l	99
30) Chloroform	5.17	83	305209	49.52	ug/l	97
31) Cyclohexane	5.54	56	264652	48.09	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	278223	49.86	ug/l	99
36) 1,1-Dichloropropene	5.76	75	235116	50.85	ug/l	99
37) Ethyl Acetate	4.79	43	264380	47.62	ug/l	99
38) Carbon Tetrachloride	5.75	117	246846	50.80	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	272176	54.19	ug/l	98
40) Benzene	6.11	78	695015	50.47	ug/l	100
41) Methacrylonitrile	5.00	41	143169	46.95	ug/l	99
42) 1,2-Dichloroethane	6.16	62	241753	49.37	ug/l	100
43) Isopropyl Acetate	6.41	43	423648	48.92	ug/l	99
44) Trichloroethene	7.19	130	219341	50.20	ug/l	92
45) 1,2-Dichloropropane	7.49	63	177935	50.76	ug/l	96
46) Dibromomethane	7.63	93	118440	50.30	ug/l	99
47) Bromodichloromethane	7.87	83	249753	51.23	ug/l	98
48) Methyl methacrylate	7.74	41	204225	49.26	ug/l	98
49) 1,4-Dioxane	7.71	88	86915	895.76	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1324679	245.68	ug/l	99
52) Toluene	8.76	92	445464	51.30	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	293782	52.99	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	304983	51.97	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	174496	50.54	ug/l	98
56) Ethyl methacrylate	9.16	69	293841	52.26	ug/l	100
57) 1,3-Dichloropropane	9.35	76	302300	51.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	664571	226.44	ug/l	100
59) 2-Hexanone	9.47	43	1034538	246.73	ug/l	99
60) Dibromochloromethane	9.57	129	199448	51.33	ug/l	100
61) 1,2-Dibromoethane	9.65	107	189361	51.22	ug/l	100
64) Tetrachloroethene	9.32	164	249863	50.28	ug/l	95
65) Chlorobenzene	10.12	112	474299	52.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	180068	52.09	ug/l	98
67) Ethyl Benzene	10.23	91	848182	52.61	ug/l	98
68) m/p-Xylenes	10.34	106	637572	106.66	ug/l	100
69) o-Xylene	10.68	106	305117	52.70	ug/l	99
70) Styrene	10.70	104	535188	53.78	ug/l	100
71) Bromoform	10.84	173	153992	52.71	ug/l #	99
73) Isopropylbenzene	11.00	105	805997	52.37	ug/l	100
74) N-amyl acetate	10.88	43	370667	52.36	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	198440	51.44	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	255966m	52.42	ug/l	
77) Bromobenzene	11.24	156	206625	51.18	ug/l	99
78) n-propylbenzene	11.34	91	910068	52.92	ug/l	100
79) 2-Chlorotoluene	11.40	91	549797	52.38	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	682645	53.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	103878	52.33	ug/l	95
82) 4-Chlorotoluene	11.49	91	653335	52.71	ug/l	100
83) tert-Butylbenzene	11.76	119	592526	53.96	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	691455	53.20	ug/l	100
85) sec-Butylbenzene	11.93	105	755455	54.84	ug/l	100
86) p-Isopropyltoluene	12.05	119	714338	55.36	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	364749	52.15	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	367742	51.41	ug/l	98
89) n-Butylbenzene	12.37	91	605125	56.30	ug/l	99
90) Hexachloroethane	12.58	117	118108	52.99	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	340303	50.22	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62474	50.00	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	239204	53.15	ug/l	99
94) Hexachlorobutadiene	13.77	225	106404	60.22	ug/l	99
95) Naphthalene	13.82	128	822522	53.32	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	245458	55.68	ug/l	96

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

