

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX010991.D
 Acq On : 19 Jul 2019 10:20
 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
 7/22/2019 5:04:48 PM

Quant Time: Jul 20 01:16:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	247135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	359386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179619	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	129996	49.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.88%	
35) Dibromofluoromethane	5.49	113	116484	51.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.12%	
50) Toluene-d8	8.71	98	438494	51.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.13	95	171263	54.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	134342	50.968	ug/l	99
3) Chloromethane	1.32	50	108023	47.532	ug/l	99
4) Vinyl Chloride	1.41	62	117538	50.705	ug/l	99
5) Bromomethane	1.64	94	52657	40.310	ug/l	98
6) Chloroethane	1.71	64	68899	46.771	ug/l	98
7) Trichlorofluoromethane	1.93	101	202858	51.697	ug/l	98
8) Diethyl Ether	2.19	74	66070	48.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117809	52.582	ug/l	98
10) Methyl Iodide	2.51	142	115820	39.393	ug/l	100
11) Tert butyl alcohol	3.04	59	134830	220.202	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112218	50.978	ug/l	97
13) Acrolein	2.29	56	79773	225.496	ug/l	97
14) Allyl chloride	2.73	41	163443	51.116	ug/l	100
15) Acrylonitrile	3.14	53	296115	239.329	ug/l	99
16) Acetone	2.44	43	317499	267.380	ug/l	98
17) Carbon Disulfide	2.57	76	278367	49.298	ug/l	100
18) Methyl Acetate	2.77	43	127893	47.300	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	358513	50.592	ug/l	100
20) Methylene Chloride	2.85	84	122405	48.642	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	115841	49.596	ug/l	94
22) Diisopropyl ether	3.85	45	340049	50.425	ug/l	93
23) Vinyl Acetate	3.81	43	1497406	262.065	ug/l	100
24) 1,1-Dichloroethane	3.70	63	192113	49.053	ug/l	99
25) 2-Butanone	4.67	43	435284	255.364	ug/l	100
26) 2,2-Dichloropropane	4.58	77	171698	53.394	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	133806	49.500	ug/l	99
28) Bromochloromethane	5.01	49	95496	51.744	ug/l	99
29) Tetrahydrofuran	5.12	42	260537	241.296	ug/l	99
30) Chloroform	5.20	83	212495	50.197	ug/l	99
31) Cyclohexane	5.57	56	182178	51.034	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	189013	51.609	ug/l	99
36) 1,1-Dichloropropene	5.79	75	157027	53.193	ug/l	99
37) Ethyl Acetate	4.82	43	157410	52.075	ug/l	100
38) Carbon Tetrachloride	5.78	117	168994	54.937	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	206458	53.931	ug/l	99
40) Benzene	6.14	78	462358	51.131	ug/l	99
41) Methacrylonitrile	5.04	41	85213	49.659	ug/l	98
42) 1,2-Dichloroethane	6.19	62	164078	52.186	ug/l	99
43) Isopropyl Acetate	6.44	43	257186	51.744	ug/l	99
44) Trichloroethene	7.21	130	136100	50.847	ug/l	95
45) 1,2-Dichloropropane	7.51	63	118350	51.422	ug/l	98
46) Dibromomethane	7.66	93	85831	52.190	ug/l	99
47) Bromodichloromethane	7.89	83	162035	55.349	ug/l	99
48) Methyl methacrylate	7.76	41	126002	52.038	ug/l	99
49) 1,4-Dioxane	7.74	88	64783	956.488	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	840099	260.739	ug/l	100
52) Toluene	8.78	92	307627	51.786	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	180331	57.287	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	192313	54.904	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127353	52.067	ug/l	97
56) Ethyl methacrylate	9.18	69	196257	54.854	ug/l	99
57) 1,3-Dichloropropane	9.37	76	202048	52.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	387027	226.608	ug/l	99
59) 2-Hexanone	9.49	43	666141	266.560	ug/l	100
60) Dibromochloromethane	9.58	129	141303	50.187	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137784	53.080	ug/l	100
64) Tetrachloroethene	9.34	164	136584	52.062	ug/l	98
65) Chlorobenzene	10.13	112	346357	50.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130927	54.387	ug/l	100
67) Ethyl Benzene	10.25	91	619197	53.110	ug/l	99
68) m/p-Xylenes	10.35	106	474290	106.053	ug/l	100
69) o-Xylene	10.69	106	230128	52.725	ug/l	100
70) Styrene	10.71	104	394610	54.235	ug/l	99
71) Bromoform	10.85	173	109875	50.121	ug/l #	100
73) Isopropylbenzene	11.02	105	637187	52.500	ug/l	99
74) N-amyl acetate	10.90	43	241768	52.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	198655	50.016	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	167491m	51.674	ug/l	
77) Bromobenzene	11.25	156	168926	50.459	ug/l	98
78) n-propylbenzene	11.36	91	719250	53.634	ug/l	99
79) 2-Chlorotoluene	11.42	91	419058	52.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536493	52.901	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62241	48.758	ug/l	98
82) 4-Chlorotoluene	11.51	91	494871	52.780	ug/l	99
83) tert-Butylbenzene	11.77	119	527144	52.918	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	542540	53.077	ug/l	100
85) sec-Butylbenzene	11.94	105	634263	54.339	ug/l	100
86) p-Isopropyltoluene	12.06	119	592370	54.895	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	305453	52.576	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	305041	51.194	ug/l	99
89) n-Butylbenzene	12.38	91	526284	57.007	ug/l	100
90) Hexachloroethane	12.59	117	94654	55.613	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	294231	51.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43781	52.733	ug/l	96

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93) 1,2,4-Trichlorobenzene	13.64	180	213841	54.800	ug/l	99
94) Hexachlorobutadiene	13.78	225	106104	54.870	ug/l	99
95) Naphthalene	13.83	128	617360	53.577	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	210128	54.120	ug/l	99

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

