

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010905.D
 Acq On : 16 Jul 2019 13:33
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071619

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 10:45:22 AM

Quant Time: Jul 17 04:48:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	246620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	360770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	179967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123146	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
35) Dibromofluoromethane	5.49	113	110761	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.71	98	414918	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	160763	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	135755	51.605	ug/l	99
3) Chloromethane	1.32	50	113435	50.018	ug/l	99
4) Vinyl Chloride	1.41	62	119283	51.565	ug/l	99
5) Bromomethane	1.64	94	64736	49.660	ug/l	98
6) Chloroethane	1.71	64	72966	49.635	ug/l	94
7) Trichlorofluoromethane	1.93	101	199360	50.912	ug/l	98
8) Diethyl Ether	2.18	74	64321	47.675	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	114875	51.380	ug/l	99
10) Methyl Iodide	2.51	142	138949	47.358	ug/l	99
11) Tert butyl alcohol	3.04	59	134506	220.131	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108996	49.618	ug/l	99
13) Acrolein	2.29	56	81567	231.049	ug/l	99
14) Allyl chloride	2.73	41	161524	50.622	ug/l	99
15) Acrylonitrile	3.14	53	285902	231.557	ug/l	100
16) Acetone	2.44	43	287124	242.304	ug/l	99
17) Carbon Disulfide	2.57	76	293252	52.042	ug/l	99
18) Methyl Acetate	2.77	43	118436	43.894	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	348453	49.275	ug/l	97
20) Methylene Chloride	2.85	84	118486	47.183	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	116355	49.920	ug/l	96
22) Diisopropyl ether	3.85	45	324775	48.261	ug/l	91
23) Vinyl Acetate	3.81	43	1450524	254.391	ug/l	100
24) 1,1-Dichloroethane	3.69	63	189102	48.385	ug/l	99
25) 2-Butanone	4.67	43	413514	243.099	ug/l	100
26) 2,2-Dichloropropane	4.58	77	168890	52.630	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	131688	48.818	ug/l	99
28) Bromochloromethane	5.01	49	85419	46.381	ug/l	99
29) Tetrahydrofuran	5.12	42	252007	233.884	ug/l	100
30) Chloroform	5.21	83	204169	48.331	ug/l	99
31) Cyclohexane	5.58	56	179346	50.345	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	183560	50.225	ug/l	99
36) 1,1-Dichloropropene	5.79	75	153449	51.781	ug/l	99
37) Ethyl Acetate	4.82	43	149564	49.289	ug/l	99
38) Carbon Tetrachloride	5.78	117	164853	53.385	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203922	53.064	ug/l	99
40) Benzene	6.14	78	455052	50.130	ug/l	100
41) Methacrylonitrile	5.04	41	79879	46.372	ug/l	99
42) 1,2-Dichloroethane	6.19	62	159536	50.547	ug/l	99
43) Isopropyl Acetate	6.44	43	247088	49.521	ug/l	99
44) Trichloroethene	7.21	130	134831	50.179	ug/l	95
45) 1,2-Dichloropropane	7.51	63	114919	49.740	ug/l	99
46) Dibromomethane	7.66	93	82963	50.252	ug/l	99
47) Bromodichloromethane	7.89	83	157480	53.587	ug/l	99
48) Methyl methacrylate	7.76	41	122259	50.299	ug/l	98
49) 1,4-Dioxane	7.74	88	65402	961.922	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	797920	246.698	ug/l	100
52) Toluene	8.78	92	299700	50.258	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	172983	54.742	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	188748	53.680	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	121104	49.322	ug/l	98
56) Ethyl methacrylate	9.18	69	187756	52.277	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192876	49.518	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	486728	283.891	ug/l	99
59) 2-Hexanone	9.49	43	643918	256.679	ug/l	100
60) Dibromochloromethane	9.58	129	135329	47.997	ug/l	99
61) 1,2-Dibromoethane	9.67	107	134317	51.546	ug/l	99
64) Tetrachloroethene	9.34	164	129947	49.546	ug/l	97
65) Chlorobenzene	10.13	112	339482	49.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	125448	52.126	ug/l	99
67) Ethyl Benzene	10.25	91	588930	50.528	ug/l	99
68) m/p-Xylenes	10.36	106	461483	103.217	ug/l	99
69) o-Xylene	10.69	106	220295	50.486	ug/l	99
70) Styrene	10.71	104	382823	52.630	ug/l	100
71) Bromoform	10.85	173	104892	47.976	ug/l	100
73) Isopropylbenzene	11.02	105	609795	50.146	ug/l	100
74) N-amyl acetate	10.90	43	237325	51.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	192750	48.435	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161511m	49.732	ug/l	
77) Bromobenzene	11.25	156	162276	48.379	ug/l	99
78) n-propylbenzene	11.36	91	692935	51.572	ug/l	99
79) 2-Chlorotoluene	11.42	91	408658	50.630	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	515003	50.683	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60603	47.495	ug/l	100
82) 4-Chlorotoluene	11.51	91	479128	51.002	ug/l	99
83) tert-Butylbenzene	11.77	119	511479	51.246	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	524148	51.179	ug/l	99
85) sec-Butylbenzene	11.94	105	609058	52.079	ug/l	100
86) p-Isopropyltoluene	12.06	119	573171	53.013	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	296495	50.935	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	298910	50.068	ug/l	99
89) n-Butylbenzene	12.38	91	511920	55.343	ug/l	99
90) Hexachloroethane	12.60	117	91256	53.512	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	291790	50.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42121	50.635	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	208257	53.266	ug/l	98
94) Hexachlorobutadiene	13.78	225	104761	54.071	ug/l	98
95) Naphthalene	13.83	128	607573	52.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	201956	51.915	ug/l	98

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

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