

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011619\
 Data File : VX007069.D
 Acq On : 16 Jan 2019 12:07
 Operator : JC/SP
 Sample : VX0116WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/17/2019 9:09:48 AM

Quant Time: Jan 17 00:07:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	516899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	746680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	684977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	358392	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	262594	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.22%		
35) Dibromofluoromethane	5.50	113	237202	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.22%		
50) Toluene-d8	8.71	98	890683	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.78%		
62) 4-Bromofluorobenzene	11.13	95	325807	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.80%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89679	21.127	ug/l	100
3) Chloromethane	1.33	50	101292	20.498	ug/l	96
4) Vinyl Chloride	1.41	62	104885	19.732	ug/l	96
5) Bromomethane	1.64	94	109971	19.364	ug/l	97
6) Chloroethane	1.72	64	68389	18.426	ug/l	94
7) Trichlorofluoromethane	1.93	101	171623	19.982	ug/l	98
8) Diethyl Ether	2.19	74	64887	18.990	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104496	20.322	ug/l	98
10) Methyl Iodide	2.51	142	139275	20.080	ug/l	98
11) Tert butyl alcohol	3.07	59	125477	98.467	ug/l	99
12) 1,1-Dichloroethene	2.37	96	90532	19.057	ug/l	98
13) Acrolein	2.29	56	64914	119.741	ug/l	99
14) Allyl chloride	2.73	41	156240	19.190	ug/l	98
15) Acrylonitrile	3.15	53	290134	99.180	ug/l	99
16) Acetone	2.45	43	257663	96.482	ug/l	98
17) Carbon Disulfide	2.57	76	208723	17.065	ug/l	100
18) Methyl Acetate	2.78	43	154754	20.010	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	324417	19.675	ug/l	98
20) Methylene Chloride	2.85	84	106604	20.655	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	98971	18.694	ug/l	98
22) Diisopropyl ether	3.87	45	297481	19.435	ug/l	98
23) Vinyl Acetate	3.82	43	1239585	96.030	ug/l	97
24) 1,1-Dichloroethane	3.70	63	176768	20.653	ug/l	98
25) 2-Butanone	4.70	43	379090	99.206	ug/l	98
26) 2,2-Dichloropropane	4.58	77	122304	18.583	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	111138	19.032	ug/l	98
28) Bromochloromethane	5.02	49	75789	20.211	ug/l	93
29) Tetrahydrofuran	5.15	42	241453	97.230	ug/l	98
30) Chloroform	5.21	83	177340	19.790	ug/l	98
31) Cyclohexane	5.58	56	148101	19.442	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	146690	19.313	ug/l	98
36) 1,1-Dichloropropene	5.80	75	128445	19.786	ug/l	98
37) Ethyl Acetate	4.85	43	137860	19.808	ug/l	100
38) Carbon Tetrachloride	5.77	117	130114	19.921	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	166682	20.140	ug/l	97
40) Benzene	6.14	78	395987	19.991	ug/l	100
41) Methacrylonitrile	5.06	41	77734	19.388	ug/l	98
42) 1,2-Dichloroethane	6.20	62	136160	19.892	ug/l	100
43) Isopropyl Acetate	6.46	43	220515	20.087	ug/l	99
44) Trichloroethene	7.21	130	117928	19.867	ug/l	99
45) 1,2-Dichloropropane	7.51	63	98486	19.777	ug/l	99
46) Dibromomethane	7.66	93	70011	20.004	ug/l	98
47) Bromodichloromethane	7.90	83	117965	19.802	ug/l	98
48) Methyl methacrylate	7.77	41	113967	20.215	ug/l	96
49) 1,4-Dioxane	7.75	88	55578	426.765	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	744336	105.502	ug/l	99
52) Toluene	8.78	92	259012	20.344	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	128365	19.432	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	143872	19.722	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	109086	21.406	ug/l	98
56) Ethyl methacrylate	9.18	69	151708	20.392	ug/l	96
57) 1,3-Dichloropropane	9.37	76	171003	20.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	359765	94.055	ug/l	100
59) 2-Hexanone	9.49	43	563381	104.787	ug/l	98
60) Dibromochloromethane	9.59	129	102000	20.613	ug/l	98
61) 1,2-Dibromoethane	9.67	107	114047	20.329	ug/l	100
64) Tetrachloroethene	9.34	164	120922	20.390	ug/l	98
65) Chlorobenzene	10.13	112	305037	20.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	100358	19.969	ug/l	99
67) Ethyl Benzene	10.25	91	495825	20.103	ug/l	99
68) m/p-Xylenes	10.36	106	397802	40.938	ug/l	99
69) o-Xylene	10.69	106	193253	20.393	ug/l	98
70) Styrene	10.71	104	305468	20.352	ug/l	98
71) Bromoform	10.85	173	72009	19.228	ug/l #	98
73) Isopropylbenzene	11.02	105	516380	20.433	ug/l	99
74) N-amyl acetate	10.90	43	195867	19.250	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	157174	19.591	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	146146m	20.123	ug/l	
77) Bromobenzene	11.26	156	138632	19.909	ug/l	98
78) n-propylbenzene	11.36	91	575327	20.738	ug/l	99
79) 2-Chlorotoluene	11.42	91	338417	20.264	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	430570	20.390	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37109	18.036	ug/l	93
82) 4-Chlorotoluene	11.51	91	392711	20.310	ug/l	100
83) tert-Butylbenzene	11.77	119	424367	20.142	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	438577	20.654	ug/l	99
85) sec-Butylbenzene	11.94	105	529998	21.064	ug/l	100
86) p-Isopropyltoluene	12.06	119	468382	20.811	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	252452	20.058	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	249301	20.990	ug/l	99
89) n-Butylbenzene	12.38	91	394853	20.581	ug/l	99
90) Hexachloroethane	12.60	117	66573	20.359	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	245364	19.755	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29520	18.604	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	168989	19.831	ug/l	99
94) Hexachlorobutadiene	13.78	225	80440	21.272	ug/l	99
95) Naphthalene	13.83	128	514315	19.918	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	169514	20.025	ug/l	98

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

