

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007051.D
 Acq On : 15 Jan 2019 12:00
 Operator : JC/SP
 Sample : VX0115WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:19:49 AM

Quant Time: Jan 16 00:17:29 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	526114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	757850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	705560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	264889	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.50	113	238133	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.71	98	896770	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	330425	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77682	17.980	ug/l	97
3) Chloromethane	1.32	50	85554	17.010	ug/l	96
4) Vinyl Chloride	1.41	62	88149	16.293	ug/l	98
5) Bromomethane	1.64	94	95884	16.588	ug/l	99
6) Chloroethane	1.71	64	57030	15.096	ug/l	97
7) Trichlorofluoromethane	1.92	101	142275	16.275	ug/l	98
8) Diethyl Ether	2.19	74	54762	15.746	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86077	16.447	ug/l	98
10) Methyl Iodide	2.51	142	117376	16.626	ug/l	100
11) Tert butyl alcohol	3.07	59	107956	83.234	ug/l	99
12) 1,1-Dichloroethene	2.37	96	77020	15.928	ug/l	98
13) Acrolein	2.29	56	68116	123.351	ug/l	94
14) Allyl chloride	2.73	41	131101	15.820	ug/l	98
15) Acrylonitrile	3.15	53	241190	81.004	ug/l	98
16) Acetone	2.45	43	214579	78.941	ug/l	98
17) Carbon Disulfide	2.57	76	173883	13.967	ug/l	98
18) Methyl Acetate	2.78	43	129518	16.454	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	267462	15.936	ug/l	99
20) Methylene Chloride	2.85	84	87961	16.636	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	83918	15.573	ug/l	99
22) Diisopropyl ether	3.87	45	253968	16.302	ug/l	99
23) Vinyl Acetate	3.82	43	1030265	78.416	ug/l	98
24) 1,1-Dichloroethane	3.70	63	148452	17.041	ug/l	98
25) 2-Butanone	4.70	43	314746	80.925	ug/l	96
26) 2,2-Dichloropropane	4.58	77	106107	15.840	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	93761	15.775	ug/l	97
28) Bromochloromethane	5.01	49	71163	18.645	ug/l	100
29) Tetrahydrofuran	5.15	42	200894	79.480	ug/l	98
30) Chloroform	5.21	83	149081	16.345	ug/l	97
31) Cyclohexane	5.57	56	127848	16.489	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	125022	16.172	ug/l	98
36) 1,1-Dichloropropene	5.79	75	108583	16.480	ug/l	98
37) Ethyl Acetate	4.85	43	116014	16.424	ug/l	99
38) Carbon Tetrachloride	5.78	117	106102	16.005	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136301	16.227	ug/l	95
40) Benzene	6.14	78	330977	16.463	ug/l	98
41) Methacrylonitrile	5.05	41	65463	16.087	ug/l	98
42) 1,2-Dichloroethane	6.20	62	113174	16.290	ug/l	99
43) Isopropyl Acetate	6.46	43	185744	16.670	ug/l	97
44) Trichloroethene	7.21	130	98987	16.431	ug/l	95
45) 1,2-Dichloropropane	7.51	63	84289	16.676	ug/l	99
46) Dibromomethane	7.66	93	59598	16.778	ug/l	98
47) Bromodichloromethane	7.90	83	98323	16.261	ug/l	95
48) Methyl methacrylate	7.77	41	94779	16.564	ug/l	97
49) 1,4-Dioxane	7.74	88	45745	344.447	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	610915	85.315	ug/l	100
52) Toluene	8.78	92	214637	16.610	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	104981	15.658	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	118289	15.976	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91505	17.692	ug/l	98
56) Ethyl methacrylate	9.18	69	131542	17.421	ug/l	98
57) 1,3-Dichloropropane	9.37	76	144298	17.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	391540	100.854	ug/l	100
59) 2-Hexanone	9.49	43	471234	86.356	ug/l	98
60) Dibromochloromethane	9.58	129	84082	16.742	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94562	16.607	ug/l	100
64) Tetrachloroethene	9.34	164	103649	16.968	ug/l	95
65) Chlorobenzene	10.13	112	259156	16.841	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	86360	16.682	ug/l	100
67) Ethyl Benzene	10.25	91	415859	16.369	ug/l	98
68) m/p-Xylenes	10.36	106	334948	33.464	ug/l	100
69) o-Xylene	10.69	106	161731	16.568	ug/l	97
70) Styrene	10.71	104	256794	16.610	ug/l	97
71) Bromoform	10.85	173	59374	16.335	ug/l	99
73) Isopropylbenzene	11.02	105	438138	16.828	ug/l	98
74) N-amyl acetate	10.90	43	161307	15.388	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	133399	16.139	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	123023m	16.442	ug/l	
77) Bromobenzene	11.26	156	117889	16.433	ug/l	99
78) n-propylbenzene	11.36	91	488686	17.098	ug/l	100
79) 2-Chlorotoluene	11.42	91	286548	16.655	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	360119	16.553	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28904	14.558	ug/l	83
82) 4-Chlorotoluene	11.51	91	330062	16.569	ug/l	99
83) tert-Butylbenzene	11.77	119	358707	16.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	366707	16.762	ug/l	100
85) sec-Butylbenzene	11.94	105	442565	17.073	ug/l	99
86) p-Isopropyltoluene	12.06	119	393725	16.980	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	212844	16.415	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	211522	17.312	ug/l	97
89) n-Butylbenzene	12.38	91	333670	16.881	ug/l	99
90) Hexachloroethane	12.60	117	52769	16.335	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	209040	16.336	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24794	15.167	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143968	16.399	ug/l	99
94) Hexachlorobutadiene	13.78	225	67919	17.434	ug/l	99
95) Naphthalene	13.83	128	435000	16.352	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	145441	16.677	ug/l	96

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

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