

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012919\
 Data File : VX007289.D
 Acq On : 29 Jan 2019 15:42
 Operator : JC/SP
 Sample : VX0129WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/30/2019 9:17:29 AM

Quant Time: Jan 30 02:57:27 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	5.67	168	437692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	644360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	595847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	305115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	229935	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	5.50	113	206215	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	8.71	98	753624	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	271493	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62319	17.338	ug/l	97
3) Chloromethane	1.33	50	74989	17.922	ug/l	97
4) Vinyl Chloride	1.41	62	82098	18.240	ug/l	98
5) Bromomethane	1.64	94	84668	17.607	ug/l	99
6) Chloroethane	1.72	64	55038	17.512	ug/l	95
7) Trichlorofluoromethane	1.93	101	142880	19.646	ug/l	92
8) Diethyl Ether	2.19	74	56919	19.672	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85352	19.603	ug/l	99
10) Methyl Iodide	2.51	142	113863	19.387	ug/l	99
11) Tert butyl alcohol	3.07	59	113003	104.726	ug/l	100
12) 1,1-Dichloroethene	2.38	96	75241	18.704	ug/l	99
13) Acrolein	2.30	56	54075	117.848	ug/l	99
14) Allyl chloride	2.73	41	134626	19.527	ug/l	99
15) Acrylonitrile	3.15	53	263793	106.494	ug/l	99
16) Acetone	2.45	43	238957	105.669	ug/l	98
17) Carbon Disulfide	2.57	76	149307	14.416	ug/l	99
18) Methyl Acetate	2.78	43	160366	24.488	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	285642	20.458	ug/l	98
20) Methylene Chloride	2.86	84	92871	21.267	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	80964	18.061	ug/l	98
22) Diisopropyl ether	3.87	45	262286	20.237	ug/l	97
23) Vinyl Acetate	3.82	43	1053903	96.420	ug/l	98
24) 1,1-Dichloroethane	3.70	63	143127	19.749	ug/l	98
25) 2-Butanone	4.70	43	337512	104.309	ug/l	96
26) 2,2-Dichloropropane	4.59	77	102011	18.305	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	93488	18.907	ug/l	99
28) Bromochloromethane	5.02	49	58735	18.498	ug/l	94
29) Tetrahydrofuran	5.15	42	213213	101.395	ug/l	98
30) Chloroform	5.22	83	152556	20.105	ug/l	99
31) Cyclohexane	5.57	56	113134	17.539	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	125594	19.528	ug/l	98
36) 1,1-Dichloropropene	5.80	75	105681	18.864	ug/l	99
37) Ethyl Acetate	4.86	43	120329	20.035	ug/l	100
38) Carbon Tetrachloride	5.79	117	107102	19.002	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124521	17.435	ug/l	96
40) Benzene	6.15	78	337275	19.731	ug/l	97
41) Methacrylonitrile	5.06	41	69828	20.182	ug/l	98
42) 1,2-Dichloroethane	6.20	62	118712	20.097	ug/l	100
43) Isopropyl Acetate	6.46	43	192934	20.365	ug/l	97
44) Trichloroethene	7.21	130	95611	18.665	ug/l	97
45) 1,2-Dichloropropane	7.51	63	88320	20.552	ug/l	98
46) Dibromomethane	7.66	93	61195	20.261	ug/l	96
47) Bromodichloromethane	7.90	83	106986	20.810	ug/l	97
48) Methyl methacrylate	7.77	41	102009	20.967	ug/l	96
49) 1,4-Dioxane	7.75	88	45247	402.118	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	660188	108.434	ug/l	99
52) Toluene	8.78	92	218481	19.886	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	111275	19.520	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	126119	20.033	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	95388	21.691	ug/l	97
56) Ethyl methacrylate	9.18	69	136070	21.195	ug/l	97
57) 1,3-Dichloropropane	9.37	76	153246	21.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	354380	107.359	ug/l	99
59) 2-Hexanone	9.49	43	510509	110.031	ug/l	99
60) Dibromochloromethane	9.58	129	88985	20.838	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99639	20.581	ug/l	99
64) Tetrachloroethene	9.34	164	97019	18.807	ug/l	95
65) Chlorobenzene	10.14	112	256763	19.757	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	90732	20.754	ug/l	99
67) Ethyl Benzene	10.25	91	416701	19.423	ug/l	98
68) m/p-Xylenes	10.36	106	321150	37.994	ug/l	99
69) o-Xylene	10.69	106	159161	19.307	ug/l	97
70) Styrene	10.71	104	258273	19.782	ug/l	99
71) Bromoform	10.86	173	67861	20.437	ug/l	97
73) Isopropylbenzene	11.02	105	425579	19.781	ug/l	99
74) N-amyl acetate	10.90	43	172760	19.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	143669	21.034	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	132446m	21.421	ug/l	
77) Bromobenzene	11.26	156	118975	20.069	ug/l	98
78) n-propylbenzene	11.36	91	472149	19.990	ug/l	99
79) 2-Chlorotoluene	11.42	91	278132	19.563	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	346195	19.257	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33028	18.684	ug/l	89
82) 4-Chlorotoluene	11.51	91	319308	19.397	ug/l	99
83) tert-Butylbenzene	11.77	119	358919	20.011	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	360801	19.958	ug/l	99
85) sec-Butylbenzene	11.94	105	427842	19.973	ug/l	99
86) p-Isopropyltoluene	12.06	119	376807	19.666	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205969	19.222	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	205340	20.312	ug/l	99
89) n-Butylbenzene	12.39	91	308778	18.904	ug/l	98
90) Hexachloroethane	12.60	117	56128	20.190	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	210759	19.931	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28208	20.882	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141821	19.549	ug/l	97
94) Hexachlorobutadiene	13.78	225	67648	21.013	ug/l	97
95) Naphthalene	13.83	128	431867	19.645	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	142674	19.798	ug/l	97

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

