

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004649.D
 Acq On : 18 Sep 2018 11:22
 Operator : JC/MD
 Sample : VX0918WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 12:51:04 PM

Quant Time: Sep 18 15:35:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	139184	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	5.50	113	134518	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	
50) Toluene-d8	8.71	98	456379	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
62) 4-Bromofluorobenzene	11.14	95	163051	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40279	17.734	ug/l	96
3) Chloromethane	1.32	50	59563	19.055	ug/l	96
4) Vinyl Chloride	1.40	62	63958	19.935	ug/l	90
5) Bromomethane	1.64	94	32153	23.304	ug/l	100
6) Chloroethane	1.72	64	37111	17.887	ug/l	98
7) Trichlorofluoromethane	1.93	101	76683	18.030	ug/l	90
8) Diethyl Ether	2.18	74	36071	18.918	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49384	18.303	ug/l	97
10) Methyl Iodide	2.51	142	48080	17.895	ug/l	98
11) Tert butyl alcohol	3.06	59	72521	97.259	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49696	19.625	ug/l	81
13) Acrolein	2.29	56	16715	56.788	ug/l	92
14) Allyl chloride	2.73	41	95412	18.327	ug/l	96
15) Acrylonitrile	3.15	53	168306	93.732	ug/l	98
16) Acetone	2.45	43	137678	90.269	ug/l	99
17) Carbon Disulfide	2.57	76	128796	17.596	ug/l	98
18) Methyl Acetate	2.78	43	86886	20.305	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	163560	18.408	ug/l	92
20) Methylene Chloride	2.85	84	57839	18.486	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	51345	18.349	ug/l	95
22) Diisopropyl ether	3.87	45	174760	18.638	ug/l	93
23) Vinyl Acetate	3.82	43	689133	90.821	ug/l	96
24) 1,1-Dichloroethane	3.70	63	98993	18.700	ug/l	99
25) 2-Butanone	4.71	43	209764	86.416	ug/l	98
26) 2,2-Dichloropropane	4.59	77	72275	19.878	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	60456	19.354	ug/l	99
28) Bromochloromethane	5.02	49	46649	19.265	ug/l	99
29) Tetrahydrofuran	5.16	42	135016	92.234	ug/l	98
30) Chloroform	5.22	83	99268	19.207	ug/l	91
31) Cyclohexane	5.57	56	78289	17.320	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	80083	19.239	ug/l	99
36) 1,1-Dichloropropene	5.79	75	67171	16.547	ug/l	97
37) Ethyl Acetate	4.85	43	80539	17.445	ug/l	99
38) Carbon Tetrachloride	5.79	117	67728	17.082	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72715	17.166	ug/l	96
40) Benzene	6.15	78	205024	17.023	ug/l	99
41) Methacrylonitrile	5.06	41	44024	17.307	ug/l	99
42) 1,2-Dichloroethane	6.20	62	66914	16.751	ug/l	99
43) Isopropyl Acetate	6.46	43	104598	17.058	ug/l	99
44) Trichloroethene	7.21	130	62457	19.960	ug/l	99
45) 1,2-Dichloropropane	7.52	63	53735	18.541	ug/l	99
46) Dibromomethane	7.66	93	33109	18.084	ug/l	98
47) Bromodichloromethane	7.90	83	62317	17.998	ug/l	96
48) Methyl methacrylate	7.77	41	55527	18.297	ug/l	96
49) 1,4-Dioxane	7.76	88	27184	378.469	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	353706	81.737	ug/l	98
52) Toluene	8.79	92	123751	17.439	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	67276	16.634	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	75420	18.292	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	51800	16.954	ug/l	99
56) Ethyl methacrylate	9.18	69	69146	15.997	ug/l	99
57) 1,3-Dichloropropane	9.37	76	84426	17.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	187740	90.041	ug/l	97
59) 2-Hexanone	9.50	43	270180	81.398	ug/l	97
60) Dibromochloromethane	9.59	129	50366	17.510	ug/l	99
61) 1,2-Dibromoethane	9.68	107	52786	18.085	ug/l	98
64) Tetrachloroethene	9.34	164	68022	18.785	ug/l	98
65) Chlorobenzene	10.14	112	140257	19.469	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	50010	20.130	ug/l	99
67) Ethyl Benzene	10.26	91	225952	19.288	ug/l	99
68) m/p-Xylenes	10.36	106	179708	39.826	ug/l	96
69) o-Xylene	10.70	106	85496	19.708	ug/l	98
70) Styrene	10.71	104	144482	20.103	ug/l	98
71) Bromoform	10.86	173	39350	19.290	ug/l #	99
73) Isopropylbenzene	11.02	105	235676	20.291	ug/l	99
74) N-amyl acetate	10.90	43	89189	18.244	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	70230	18.746	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	69388m	19.556	ug/l	
77) Bromobenzene	11.26	156	64581	20.116	ug/l	99
78) n-propylbenzene	11.36	91	268932	20.138	ug/l	100
79) 2-Chlorotoluene	11.42	91	159953	19.748	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	199272	20.409	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	21622	19.424	ug/l	97
82) 4-Chlorotoluene	11.51	91	187084	19.790	ug/l	99
83) tert-Butylbenzene	11.77	119	186820	20.097	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	204297	20.493	ug/l	99
85) sec-Butylbenzene	11.95	105	239574	20.224	ug/l	99
86) p-Isopropyltoluene	12.07	119	215436	20.595	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	119016	19.870	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	120835	19.524	ug/l	99
89) n-Butylbenzene	12.39	91	181409	19.031	ug/l	97
90) Hexachloroethane	12.60	117	32315	19.297	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	118757	19.589	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15461	19.327	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	84686	19.728	ug/l	99
94) Hexachlorobutadiene	13.79	225	45999	20.514	ug/l	97
95) Naphthalene	13.83	128	242058	20.104	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89557	20.307	ug/l	99

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

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