

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004526.D
 Acq On : 13 Sep 2018 19:41
 Operator : JC/MD
 Sample : VX0913WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2018 11:23:55 AM

Quant Time: Sep 14 05:36:09 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	273827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181658	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	5.51	113	158804	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	8.71	98	536722	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.14	95	190583	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51340	20.005	ug/l	97
3) Chloromethane	1.32	50	67774	19.189	ug/l	97
4) Vinyl Chloride	1.40	62	70300	19.394	ug/l	99
5) Bromomethane	1.64	94	35591	22.806	ug/l	92
6) Chloroethane	1.72	64	44500	18.983	ug/l	100
7) Trichlorofluoromethane	1.93	101	93583	19.474	ug/l	93
8) Diethyl Ether	2.19	74	40867	18.969	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59236	19.431	ug/l	98
10) Methyl Iodide	2.51	142	59937	19.304	ug/l	98
11) Tert butyl alcohol	3.07	59	79651	94.543	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55192	19.290	ug/l	94
13) Acrolein	2.29	56	31301	94.120	ug/l	96
14) Allyl chloride	2.73	41	112252	19.083	ug/l	95
15) Acrylonitrile	3.15	53	193955	95.600	ug/l	99
16) Acetone	2.45	43	153153	88.873	ug/l	98
17) Carbon Disulfide	2.57	76	153323	18.539	ug/l	100
18) Methyl Acetate	2.78	43	93840	19.409	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	193709	19.295	ug/l	95
20) Methylene Chloride	2.85	84	67013	18.956	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	60878	19.255	ug/l	98
22) Diisopropyl ether	3.87	45	203088	19.170	ug/l	95
23) Vinyl Acetate	3.82	43	826159	96.364	ug/l	99
24) 1,1-Dichloroethane	3.70	63	116131	19.416	ug/l	98
25) 2-Butanone	4.70	43	239738	87.412	ug/l	94
26) 2,2-Dichloropropane	4.58	77	76256	18.562	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	69671	19.740	ug/l	98
28) Bromochloromethane	5.02	49	59569	21.773	ug/l	95
29) Tetrahydrofuran	5.15	42	160819	97.233	ug/l	97
30) Chloroform	5.21	83	113843	19.495	ug/l	96
31) Cyclohexane	5.57	56	100405	19.659	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	94702	20.136	ug/l	99
36) 1,1-Dichloropropene	5.80	75	84711	20.253	ug/l	99
37) Ethyl Acetate	4.86	43	92145	19.370	ug/l	100
38) Carbon Tetrachloride	5.79	117	80611	19.732	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84956	19.464	ug/l	96
40) Benzene	6.15	78	258102	20.798	ug/l	97
41) Methacrylonitrile	5.06	41	50812	19.386	ug/l	99
42) 1,2-Dichloroethane	6.19	62	83407	20.264	ug/l	100
43) Isopropyl Acetate	6.46	43	123831	19.599	ug/l	99
44) Trichloroethene	7.21	130	62450	19.370	ug/l	95
45) 1,2-Dichloropropane	7.52	63	58943	19.739	ug/l	99
46) Dibromomethane	7.66	93	37480	19.867	ug/l	99
47) Bromodichloromethane	7.90	83	69302	19.425	ug/l	100
48) Methyl methacrylate	7.78	41	60261	19.272	ug/l	98
49) 1,4-Dioxane	7.76	88	28914	390.685	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	403188	90.424	ug/l	99
52) Toluene	8.79	92	145278	19.869	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	84555	20.289	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	84100	19.796	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	64249	20.408	ug/l	96
56) Ethyl methacrylate	9.18	69	90996	20.431	ug/l	97
57) 1,3-Dichloropropane	9.37	76	108825	21.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217148	100.184	ug/l	96
59) 2-Hexanone	9.50	43	330031	96.497	ug/l	96
60) Dibromochloromethane	9.59	129	59891	20.207	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60807	20.219	ug/l	97
64) Tetrachloroethene	9.34	164	82885	20.423	ug/l	91
65) Chlorobenzene	10.14	112	156534	19.387	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	53899	19.357	ug/l	99
67) Ethyl Benzene	10.26	91	259265	19.747	ug/l	98
68) m/p-Xylenes	10.36	106	205421	40.618	ug/l	97
69) o-Xylene	10.70	106	96885	19.927	ug/l	98
70) Styrene	10.71	104	162113	20.126	ug/l	98
71) Bromoform	10.86	173	42278	18.492	ug/l #	98
73) Isopropylbenzene	11.02	105	264678	20.728	ug/l	100
74) N-amyl acetate	10.90	43	101622	18.908	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	81883	19.880	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	76905m	19.715	ug/l	
77) Bromobenzene	11.26	156	71322	20.208	ug/l	98
78) n-propylbenzene	11.36	91	302268	20.588	ug/l	99
79) 2-Chlorotoluene	11.42	91	181627	20.397	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	221472	20.632	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	22702	18.551	ug/l	99
82) 4-Chlorotoluene	11.51	91	210207	20.226	ug/l	99
83) tert-Butylbenzene	11.77	119	209882	20.537	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	229252	20.918	ug/l	99
85) sec-Butylbenzene	11.94	105	268932	20.651	ug/l	99
86) p-Isopropyltoluene	12.07	119	236390	20.555	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	130473	19.814	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	132971	19.543	ug/l	99
89) n-Butylbenzene	12.39	91	200320	19.115	ug/l	97
90) Hexachloroethane	12.60	117	34406	18.688	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132258	19.844	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16900	19.217	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	92635	19.629	ug/l	99
94) Hexachlorobutadiene	13.79	225	46811	18.989	ug/l	96
95) Naphthalene	13.83	128	267269	20.192	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96182	19.838	ug/l	99

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

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