

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004281.D
 Acq On : 29 Aug 2018 10:03
 Operator : JC/MD
 Sample : VX0829WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:34 PM

Quant Time: Aug 30 03:43:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	333585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	424912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262438	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200639	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	5.50	113	173696	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	8.71	98	649609	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.14	95	242867	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72290	18.71	ug/l	97
3) Chloromethane	1.32	50	78946	18.67	ug/l	99
4) Vinyl Chloride	1.40	62	82541	18.88	ug/l	100
5) Bromomethane	1.64	94	43880	19.11	ug/l	98
6) Chloroethane	1.72	64	57098	17.71	ug/l	98
7) Trichlorofluoromethane	1.93	101	113011	18.87	ug/l	95
8) Diethyl Ether	2.19	74	50567	19.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70825	18.88	ug/l	99
10) Methyl Iodide	2.51	142	66567	18.65	ug/l	97
11) Tert butyl alcohol	3.07	59	97105	104.77	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66335	18.77	ug/l	98
13) Acrolein	2.29	56	18679	83.60	ug/l	100
14) Allyl chloride	2.73	41	125038	19.26	ug/l	98
15) Acrylonitrile	3.15	53	223045	97.18	ug/l	100
16) Acetone	2.45	43	183545	98.52	ug/l	99
17) Carbon Disulfide	2.57	76	169982	17.84	ug/l	100
18) Methyl Acetate	2.78	43	147629	22.88	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	233662	20.06	ug/l	98
20) Methylene Chloride	2.85	84	79121	18.90	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	72304	18.48	ug/l	96
22) Diisopropyl ether	3.87	45	234149	19.31	ug/l	98
23) Vinyl Acetate	3.82	43	913593	92.98	ug/l	98
24) 1,1-Dichloroethane	3.70	63	138102	19.55	ug/l	99
25) 2-Butanone	4.71	43	288404	97.26	ug/l	99
26) 2,2-Dichloropropane	4.58	77	103313	18.64	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	83810	18.89	ug/l	99
28) Bromochloromethane	5.02	49	60183	19.24	ug/l	99
29) Tetrahydrofuran	5.16	42	182393	97.64	ug/l	99
30) Chloroform	5.21	83	135478	19.13	ug/l	97
31) Cyclohexane	5.57	56	111821	18.34	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	113569	19.23	ug/l	100
36) 1,1-Dichloropropene	5.80	75	99248	18.43	ug/l	97
37) Ethyl Acetate	4.86	43	103839	19.61	ug/l	99
38) Carbon Tetrachloride	5.78	117	97454	19.24	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	109705	17.85	ug/l	100
40) Benzene	6.14	78	311165	19.34	ug/l	100
41) Methacrylonitrile	5.06	41	59951	19.53	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105836	19.28	ug/l	100
43) Isopropyl Acetate	6.46	43	160922	19.78	ug/l	99
44) Trichloroethene	7.21	130	84211	18.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	77823	19.33	ug/l	96
46) Dibromomethane	7.66	93	51288	19.13	ug/l	98
47) Bromodichloromethane	7.90	83	96471	19.34	ug/l	99
48) Methyl methacrylate	7.78	41	84342	19.37	ug/l	98
49) 1,4-Dioxane	7.76	88	40103	405.68	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	556612	94.15	ug/l	99
52) Toluene	8.79	92	199640	19.82	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	107033	19.42	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	118449	19.73	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	80546	19.81	ug/l	99
56) Ethyl methacrylate	9.18	69	111802	20.20	ug/l	99
57) 1,3-Dichloropropane	9.37	76	135663	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	287426	101.36	ug/l	100
59) 2-Hexanone	9.50	43	428721	95.05	ug/l	100
60) Dibromochloromethane	9.59	129	76277	19.26	ug/l	99
61) 1,2-Dibromoethane	9.67	107	82349	19.57	ug/l	100
64) Tetrachloroethene	9.34	164	85342	20.33	ug/l	99
65) Chlorobenzene	10.14	112	207829	19.49	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	74476	20.25	ug/l	97
67) Ethyl Benzene	10.25	91	350796	20.25	ug/l	97
68) m/p-Xylenes	10.36	106	277493	40.98	ug/l	97
69) o-Xylene	10.70	106	136528	21.31	ug/l	99
70) Styrene	10.71	104	228735	22.05	ug/l	99
71) Bromoform	10.86	173	58073	19.59	ug/l	98
73) Isopropylbenzene	11.02	105	374097	21.70	ug/l	100
74) N-amyl acetate	10.90	43	132937	20.03	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	124102	20.57	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	110458m	20.69	ug/l	
77) Bromobenzene	11.26	156	100569	20.80	ug/l	98
78) n-propylbenzene	11.36	91	422561	21.32	ug/l	100
79) 2-Chlorotoluene	11.42	91	256100	20.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	307068	21.51	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32711	19.88	ug/l	98
82) 4-Chlorotoluene	11.51	91	296773	20.67	ug/l	99
83) tert-Butylbenzene	11.77	119	300870	20.95	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	319838	21.83	ug/l	99
85) sec-Butylbenzene	11.94	105	364196	21.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	324116	21.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183873	20.20	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183288	19.10	ug/l	100
89) n-Butylbenzene	12.39	91	235441	18.95	ug/l	99
90) Hexachloroethane	12.60	117	42125	19.72	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	167084	20.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21061	19.82	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121031	19.99	ug/l	96
94) Hexachlorobutadiene	13.79	225	59123	20.91	ug/l	99
95) Naphthalene	13.83	128	383100	22.37	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	132671	20.70	ug/l	99

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

