

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083018\
 Data File : VX004325.D
 Acq On : 30 Aug 2018 18:13
 Operator : JC/MD
 Sample : VX0830WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2018 4:30:21 PM

Quant Time: Aug 31 01:09:11 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	311497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	451151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	202577	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	5.50	113	174275	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	8.71	98	644577	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	238210	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71773	19.89	ug/l	97
3) Chloromethane	1.32	50	78498	19.86	ug/l	99
4) Vinyl Chloride	1.40	62	82088	20.11	ug/l	100
5) Bromomethane	1.64	94	42897	20.11	ug/l	97
6) Chloroethane	1.72	64	55291	18.36	ug/l	97
7) Trichlorofluoromethane	1.93	101	111631	19.96	ug/l	95
8) Diethyl Ether	2.18	74	49305	20.59	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69491	19.84	ug/l	100
10) Methyl Iodide	2.51	142	69108	20.26	ug/l	99
11) Tert butyl alcohol	3.07	59	93222	107.72	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63892	19.36	ug/l	97
13) Acrolein	2.29	56	76066	364.57	ug/l	97
14) Allyl chloride	2.73	41	126261	20.83	ug/l	97
15) Acrylonitrile	3.15	53	222152	103.65	ug/l	99
16) Acetone	2.45	43	193302	112.18	ug/l	98
17) Carbon Disulfide	2.57	76	161254	18.11	ug/l	98
18) Methyl Acetate	2.78	43	154744	25.68	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	225296	20.72	ug/l	96
20) Methylene Chloride	2.86	84	78059	19.97	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	69471	19.02	ug/l	97
22) Diisopropyl ether	3.87	45	234073	20.68	ug/l	99
23) Vinyl Acetate	3.82	43	906182	98.77	ug/l	99
24) 1,1-Dichloroethane	3.69	63	137415	20.83	ug/l	99
25) 2-Butanone	4.70	43	295789	107.10	ug/l	97
26) 2,2-Dichloropropane	4.58	77	102599	19.83	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	82172	19.84	ug/l	99
28) Bromochloromethane	5.01	49	62471	21.39	ug/l	99
29) Tetrahydrofuran	5.16	42	184248	105.63	ug/l	99
30) Chloroform	5.21	83	135614	20.50	ug/l	99
31) Cyclohexane	5.57	56	109644	19.26	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	111478	20.21	ug/l	99
36) 1,1-Dichloropropene	5.79	75	99039	19.53	ug/l	100
37) Ethyl Acetate	4.86	43	104914	21.03	ug/l	100
38) Carbon Tetrachloride	5.78	117	95709	20.06	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105139	18.16	ug/l	98
40) Benzene	6.14	78	309552	20.43	ug/l	99
41) Methacrylonitrile	5.06	41	61087	21.13	ug/l	99
42) 1,2-Dichloroethane	6.20	62	104572	20.23	ug/l	99
43) Isopropyl Acetate	6.46	43	158477	20.68	ug/l	99
44) Trichloroethene	7.21	130	81823	19.50	ug/l	99
45) 1,2-Dichloropropane	7.52	63	79629	20.99	ug/l	98
46) Dibromomethane	7.67	93	51391	20.35	ug/l	100
47) Bromodichloromethane	7.90	83	96427	20.52	ug/l	99
48) Methyl methacrylate	7.78	41	84382	20.57	ug/l	99
49) 1,4-Dioxane	7.76	88	38356	411.91	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	569154	102.20	ug/l	99
52) Toluene	8.79	92	193955	20.44	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	103224	19.89	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	116196	20.55	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	80195	20.94	ug/l	98
56) Ethyl methacrylate	9.18	69	106680	20.46	ug/l	100
57) 1,3-Dichloropropane	9.37	76	136086	21.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	286683	107.32	ug/l	99
59) 2-Hexanone	9.50	43	429040	100.98	ug/l	100
60) Dibromochloromethane	9.59	129	76168	20.41	ug/l	100
61) 1,2-Dibromoethane	9.67	107	81244	20.50	ug/l	99
64) Tetrachloroethene	9.34	164	83282	20.13	ug/l	98
65) Chlorobenzene	10.14	112	203885	19.40	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	74125	20.45	ug/l	96
67) Ethyl Benzene	10.26	91	336299	19.70	ug/l	99
68) m/p-Xylenes	10.36	106	275922	41.34	ug/l	97
69) o-Xylene	10.70	106	131899	20.89	ug/l	99
70) Styrene	10.71	104	220169	21.54	ug/l	99
71) Bromoform	10.86	173	58084	19.88	ug/l	99
73) Isopropylbenzene	11.02	105	360038	22.68	ug/l	100
74) N-amyl acetate	10.90	43	133100	21.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	123795	22.29	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	111701m	22.73	ug/l	
77) Bromobenzene	11.26	156	96233	21.61	ug/l	97
78) n-propylbenzene	11.36	91	411914	22.56	ug/l	100
79) 2-Chlorotoluene	11.42	91	247466	22.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	299881	22.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31654	20.89	ug/l	96
82) 4-Chlorotoluene	11.51	91	286875	21.70	ug/l	99
83) tert-Butylbenzene	11.77	119	283990	21.47	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	307789	22.81	ug/l	99
85) sec-Butylbenzene	11.94	105	350911	22.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	312145	22.18	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	176909	21.10	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	172715	19.54	ug/l	97
89) n-Butylbenzene	12.39	91	233165	20.38	ug/l	98
90) Hexachloroethane	12.60	117	40061	20.37	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	158205	20.65	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20522	20.98	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	103257	18.52	ug/l	98
94) Hexachlorobutadiene	13.78	225	48933	18.78	ug/l	97
95) Naphthalene	13.83	128	311034	19.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108007	18.30	ug/l	99

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

