

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004335.D
 Acq On : 31 Aug 2018 19:13
 Operator : JC/MD
 Sample : VX0831WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 12:10:51 PM

Quant Time: Sep 01 05:25:02 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	289630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188746	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	159876	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	8.71	98	598634	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	222641	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64576	19.25	ug/l	98
3) Chloromethane	1.32	50	71994	19.59	ug/l	100
4) Vinyl Chloride	1.40	62	74342	19.59	ug/l	97
5) Bromomethane	1.64	94	38205	19.17	ug/l	100
6) Chloroethane	1.72	64	49694	17.76	ug/l	99
7) Trichlorofluoromethane	1.93	101	101977	19.61	ug/l	96
8) Diethyl Ether	2.18	74	45160	20.28	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63193	19.40	ug/l	100
10) Methyl Iodide	2.51	142	60984	19.44	ug/l	99
11) Tert butyl alcohol	3.07	59	83803	104.14	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58699	19.13	ug/l	96
13) Acrolein	2.29	56	35712	184.08	ug/l	97
14) Allyl chloride	2.73	41	115321	20.46	ug/l	97
15) Acrylonitrile	3.15	53	206880	103.81	ug/l	100
16) Acetone	2.45	43	168259	104.49	ug/l	99
17) Carbon Disulfide	2.57	76	141837	17.18	ug/l	100
18) Methyl Acetate	2.78	43	145925	26.05	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	208716	20.64	ug/l	98
20) Methylene Chloride	2.86	84	71959	19.80	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	63318	18.64	ug/l	97
22) Diisopropyl ether	3.87	45	221542	21.05	ug/l	99
23) Vinyl Acetate	3.82	43	822516	96.42	ug/l	100
24) 1,1-Dichloroethane	3.70	63	124800	20.35	ug/l	99
25) 2-Butanone	4.70	43	264069	102.72	ug/l	99
26) 2,2-Dichloropropane	4.58	77	89226	18.55	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	74853	19.43	ug/l	100
28) Bromochloromethane	5.01	49	57456	21.16	ug/l	97
29) Tetrahydrofuran	5.15	42	167724	103.41	ug/l	99
30) Chloroform	5.21	83	125737	20.44	ug/l	99
31) Cyclohexane	5.57	56	100413	18.97	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	101109	19.72	ug/l	99
36) 1,1-Dichloropropene	5.79	75	89451	18.74	ug/l	99
37) Ethyl Acetate	4.86	43	94127	20.05	ug/l	100
38) Carbon Tetrachloride	5.78	117	85738	19.09	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101803	18.68	ug/l	98
40) Benzene	6.14	78	284358	19.94	ug/l	100
41) Methacrylonitrile	5.06	41	55051	20.23	ug/l	100
42) 1,2-Dichloroethane	6.20	62	97340	20.01	ug/l	100
43) Isopropyl Acetate	6.46	43	143077	19.83	ug/l	100
44) Trichloroethene	7.21	130	74799	18.95	ug/l	95
45) 1,2-Dichloropropane	7.52	63	72165	20.22	ug/l	99
46) Dibromomethane	7.67	93	46582	19.60	ug/l	99
47) Bromodichloromethane	7.90	83	87237	19.72	ug/l	98
48) Methyl methacrylate	7.77	41	76845	19.91	ug/l	100
49) 1,4-Dioxane	7.76	88	35825	408.79	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	510280	97.36	ug/l	100
52) Toluene	8.79	92	180552	20.22	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	93527	19.15	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	105612	19.85	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	75261	20.88	ug/l	99
56) Ethyl methacrylate	9.18	69	97259	19.82	ug/l	100
57) 1,3-Dichloropropane	9.37	76	123693	20.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	291347	115.89	ug/l	99
59) 2-Hexanone	9.50	43	386857	96.75	ug/l	98
60) Dibromochloromethane	9.59	129	68431	19.49	ug/l	99
61) 1,2-Dibromoethane	9.67	107	74742	20.04	ug/l	100
64) Tetrachloroethene	9.34	164	77173	19.83	ug/l	98
65) Chlorobenzene	10.14	112	192666	19.49	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	68530	20.10	ug/l	99
67) Ethyl Benzene	10.25	91	326527	20.34	ug/l	97
68) m/p-Xylenes	10.36	106	249731	39.78	ug/l	99
69) o-Xylene	10.70	106	122512	20.63	ug/l	99
70) Styrene	10.71	104	202081	21.02	ug/l	99
71) Bromoform	10.86	173	50518	18.38	ug/l	99
73) Isopropylbenzene	11.02	105	335626	20.69	ug/l	100
74) N-amyl acetate	10.90	43	122285	19.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	112060	19.74	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	102322m	20.37	ug/l	
77) Bromobenzene	11.26	156	90132	19.81	ug/l	97
78) n-propylbenzene	11.36	91	386349	20.71	ug/l	100
79) 2-Chlorotoluene	11.42	91	233178	20.31	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	281125	20.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27762	17.94	ug/l	94
82) 4-Chlorotoluene	11.51	91	270797	20.04	ug/l	100
83) tert-Butylbenzene	11.77	119	275323	20.37	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	289753	21.02	ug/l	100
85) sec-Butylbenzene	11.94	105	343306	21.40	ug/l	99
86) p-Isopropyltoluene	12.07	119	307733	21.40	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	167232	19.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	167921	18.59	ug/l	98
89) n-Butylbenzene	12.39	91	257279	22.01	ug/l	98
90) Hexachloroethane	12.60	117	39458	19.63	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	164484	21.01	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18617	18.62	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	116398	20.43	ug/l	97
94) Hexachlorobutadiene	13.79	225	61849	23.27	ug/l	98
95) Naphthalene	13.83	128	343662	21.33	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	124610	20.66	ug/l	99

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

