

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004373.D
 Acq On : 05 Sep 2018 16:25
 Operator : JC/MD
 Sample : VX0905WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 12:48:46 PM

Quant Time: Sep 06 01:40:05 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	333862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272665	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	202388	46.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.02%	
35) Dibromofluoromethane	5.50	113	176670	48.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	664213	48.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.14	95	252897	49.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	69472	17.97	ug/l	96
3) Chloromethane	1.32	50	76954	18.19	ug/l	100
4) Vinyl Chloride	1.40	62	82737	18.91	ug/l	99
5) Bromomethane	1.64	94	37763	16.14	ug/l	96
6) Chloroethane	1.71	64	71464	22.14	ug/l	100
7) Trichlorofluoromethane	1.92	101	111598	18.62	ug/l	92
8) Diethyl Ether	2.18	74	52394	20.41	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71732	19.10	ug/l	100
10) Methyl Iodide	2.51	142	71173	19.63	ug/l	97
11) Tert butyl alcohol	3.07	59	102263	110.25	ug/l	100
12) 1,1-Dichloroethene	2.37	96	66750	18.87	ug/l	95
13) Acrolein	2.29	56	22462	100.44	ug/l	99
14) Allyl chloride	2.72	41	129771	19.97	ug/l	97
15) Acrylonitrile	3.15	53	239562	104.29	ug/l	99
16) Acetone	2.45	43	201370	108.80	ug/l	98
17) Carbon Disulfide	2.56	76	152649	16.09	ug/l	100
18) Methyl Acetate	2.78	43	170181	26.35	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	246378	21.14	ug/l	97
20) Methylene Chloride	2.85	84	80705	19.27	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	72325	18.47	ug/l	96
22) Diisopropyl ether	3.87	45	248968	20.52	ug/l	99
23) Vinyl Acetate	3.82	43	933353	94.91	ug/l	99
24) 1,1-Dichloroethane	3.69	63	143472	20.29	ug/l	99
25) 2-Butanone	4.70	43	314579	106.25	ug/l	99
26) 2,2-Dichloropropane	4.58	77	106471	19.20	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	87470	19.70	ug/l	99
28) Bromochloromethane	5.02	49	63506	20.29	ug/l	100
29) Tetrahydrofuran	5.17	42	198628	106.24	ug/l	100
30) Chloroform	5.21	83	140751	19.85	ug/l	98
31) Cyclohexane	5.57	56	116222	19.05	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	115659	19.56	ug/l	99
36) 1,1-Dichloropropene	5.79	75	103124	18.74	ug/l	99
37) Ethyl Acetate	4.86	43	108806	20.11	ug/l	99
38) Carbon Tetrachloride	5.78	117	96079	18.56	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	118160	18.81	ug/l	99
40) Benzene	6.14	78	323236	19.66	ug/l	99
41) Methacrylonitrile	5.06	41	65012	20.73	ug/l	99
42) 1,2-Dichloroethane	6.20	62	108106	19.28	ug/l	98
43) Isopropyl Acetate	6.46	43	170476	20.50	ug/l	99
44) Trichloroethene	7.21	130	86911	19.10	ug/l	97
45) 1,2-Dichloropropane	7.52	63	82467	20.04	ug/l	99
46) Dibromomethane	7.67	93	52291	19.09	ug/l	98
47) Bromodichloromethane	7.90	83	96337	18.90	ug/l	100
48) Methyl methacrylate	7.78	41	90784	20.41	ug/l	98
49) 1,4-Dioxane	7.76	88	43805	433.70	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	600658	99.43	ug/l	100
52) Toluene	8.79	92	203676	19.79	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	109303	19.41	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	122724	20.01	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	85448	20.57	ug/l	97
56) Ethyl methacrylate	9.18	69	117528	20.78	ug/l	98
57) 1,3-Dichloropropane	9.37	76	141280	20.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	288018	99.41	ug/l	99
59) 2-Hexanone	9.50	43	457839	99.35	ug/l	100
60) Dibromochloromethane	9.59	129	76094	18.80	ug/l	100
61) 1,2-Dibromoethane	9.67	107	85471	19.88	ug/l	99
64) Tetrachloroethene	9.34	164	93509	20.71	ug/l	98
65) Chlorobenzene	10.14	112	225042	19.62	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	78218	19.77	ug/l	97
67) Ethyl Benzene	10.25	91	370891	19.91	ug/l	96
68) m/p-Xylenes	10.36	106	298088	40.92	ug/l	99
69) o-Xylene	10.70	106	144485	20.97	ug/l	99
70) Styrene	10.71	104	235039	21.07	ug/l	99
71) Bromoform	10.86	173	58047	18.20	ug/l #	99
73) Isopropylbenzene	11.02	105	392934	21.94	ug/l	100
74) N-amyl acetate	10.90	43	143259	20.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	127722	20.38	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	115970m	20.91	ug/l	
77) Bromobenzene	11.26	156	103253	20.55	ug/l	98
78) n-propylbenzene	11.36	91	448185	21.76	ug/l	100
79) 2-Chlorotoluene	11.42	91	266258	21.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	322252	21.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32603	19.08	ug/l	97
82) 4-Chlorotoluene	11.51	91	311871	20.91	ug/l	100
83) tert-Butylbenzene	11.77	119	321437	21.54	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	350990	23.06	ug/l	100
85) sec-Butylbenzene	11.94	105	398171	22.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	356088	22.43	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	192196	20.32	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	195114	19.57	ug/l	99
89) n-Butylbenzene	12.39	91	276896	21.45	ug/l	97
90) Hexachloroethane	12.60	117	46588	21.00	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	184322	21.32	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22934	20.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137699	21.89	ug/l	97
94) Hexachlorobutadiene	13.78	225	68938	23.49	ug/l	97
95) Naphthalene	13.83	128	415006	23.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141798	21.30	ug/l	99

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

