

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
 Data File : VX000869.D
 Acq On : 14 Apr 2018 12:34
 Operator : JC/MD
 Sample : VX0414WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2018 12:51:33 PM

Quant Time: Apr 16 06:35:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	220964	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	153938	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
35) Dibromofluoromethane	5.51	113	127636	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
50) Toluene-d8	8.72	98	477363	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.15	95	194326	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60264	20.73	ug/l	100
3) Chloromethane	1.32	50	48836	19.59	ug/l	100
4) Vinyl Chloride	1.40	62	57792	20.61	ug/l	98
5) Bromomethane	1.64	94	30216	25.36	ug/l	98
6) Chloroethane	1.73	64	33724	19.85	ug/l	100
7) Trichlorofluoromethane	1.93	101	86441	20.44	ug/l	99
8) Diethyl Ether	2.19	74	32951	20.85	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53488	21.45	ug/l	99
10) Methyl Iodide	2.51	142	22711	18.01	ug/l	99
11) Tert butyl alcohol	3.09	59	62264	108.01	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47446	20.07	ug/l	96
13) Acrolein	2.30	56	13279	47.43	ug/l	98
14) Allyl chloride	2.73	41	88441	20.24	ug/l	97
15) Acrylonitrile	3.16	53	140711	114.49	ug/l	100
16) Acetone	2.45	43	128968	115.18	ug/l	99
17) Carbon Disulfide	2.57	76	122421	17.11	ug/l	99
18) Methyl Acetate	2.78	43	69713	24.06	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	163938	20.82	ug/l	99
20) Methylene Chloride	2.86	84	53556	20.56	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	52266	20.05	ug/l	99
22) Diisopropyl ether	3.89	45	172902	21.53	ug/l	98
23) Vinyl Acetate	3.83	43	756887	107.34	ug/l	98
24) 1,1-Dichloroethane	3.70	63	97309	21.59	ug/l	99
25) 2-Butanone	4.72	43	211497	114.38	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85745	19.17	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	61981	20.96	ug/l	99
28) Bromochloromethane	5.03	49	35866	19.76	ug/l	98
29) Tetrahydrofuran	5.18	42	131435	111.95	ug/l	100
30) Chloroform	5.23	83	101457	21.26	ug/l	99
31) Cyclohexane	5.58	56	85892	20.07	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	91751	20.18	ug/l	100
36) 1,1-Dichloropropene	5.81	75	76652	20.63	ug/l	99
37) Ethyl Acetate	4.87	43	80594	22.22	ug/l	100
38) Carbon Tetrachloride	5.79	117	80614	19.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	93858	21.03	ug/l	99
40) Benzene	6.15	78	220879	21.39	ug/l	98
41) Methacrylonitrile	5.07	41	47007	22.43	ug/l	99
42) 1,2-Dichloroethane	6.21	62	82325	21.35	ug/l	99
43) Isopropyl Acetate	6.48	43	130739	21.02	ug/l	99
44) Trichloroethene	7.22	130	68288	21.27	ug/l	97
45) 1,2-Dichloropropane	7.52	63	56383	21.44	ug/l	99
46) Dibromomethane	7.67	93	38788	21.16	ug/l	97
47) Bromodichloromethane	7.91	83	73692	19.92	ug/l	98
48) Methyl methacrylate	7.79	41	68804	21.34	ug/l	99
49) 1,4-Dioxane	7.77	88	28565	440.90	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	418127	114.45	ug/l	99
52) Toluene	8.79	92	145032	21.17	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	88297	19.90	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83906	19.42	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	58225	21.41	ug/l	98
56) Ethyl methacrylate	9.19	69	88391	21.07	ug/l	99
57) 1,3-Dichloropropane	9.38	76	95306	22.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217606	111.02	ug/l	99
59) 2-Hexanone	9.51	43	323612	114.74	ug/l	100
60) Dibromochloromethane	9.59	129	62530	19.22	ug/l	100
61) 1,2-Dibromoethane	9.68	107	61581	21.35	ug/l	100
64) Tetrachloroethene	9.34	164	69418	22.05	ug/l	99
65) Chlorobenzene	10.15	112	171286	21.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	60575	19.87	ug/l	98
67) Ethyl Benzene	10.26	91	285765	21.16	ug/l	100
68) m/p-Xylenes	10.37	106	224091	42.03	ug/l	100
69) o-Xylene	10.71	106	108096	21.04	ug/l	100
70) Styrene	10.72	104	181244	20.92	ug/l	100
71) Bromoform	10.87	173	50528	17.90	ug/l	100
73) Isopropylbenzene	11.02	105	296267	21.13	ug/l	100
74) N-amyl acetate	6.48	43	130739	20.71	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85760	21.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81474m	21.38	ug/l	
77) Bromobenzene	11.26	156	84910	20.67	ug/l	100
78) n-propylbenzene	11.37	91	339155	21.15	ug/l	99
79) 2-Chlorotoluene	11.43	91	199478	21.05	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	252277	20.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23755	17.15	ug/l	92
82) 4-Chlorotoluene	11.52	91	239173	20.91	ug/l	100
83) tert-Butylbenzene	11.77	119	256915	20.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	258647	20.78	ug/l	100
85) sec-Butylbenzene	11.95	105	311118	21.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	288800	21.29	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	160491	21.11	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	160978	20.66	ug/l	99
89) n-Butylbenzene	12.40	91	258906	21.62	ug/l	100
90) Hexachloroethane	12.60	117	40178	17.50	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	154559	21.06	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19383	19.02	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	132864	21.21	ug/l	100
94) Hexachlorobutadiene	13.79	225	67852	22.03	ug/l	100
95) Naphthalene	13.84	128	343595	21.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128331	21.09	ug/l	100

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

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