

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000667.D
 Acq On : 04 Apr 2018 20:01
 Operator : JC/MD
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Manual Integrations
 APPROVED

sam
 4/5/2018 6:25:22 PM

Quant Time: Apr 05 05:35:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	175185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	102874	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	80425	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.51	113	57026	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	8.73	98	234085	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.15	95	89895	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	26752	20.25	ug/l	94
3) Chloromethane	1.32	50	24437	21.61	ug/l	100
4) Vinyl Chloride	1.40	62	30493	20.57	ug/l	97
5) Bromomethane	1.64	94	27928	19.35	ug/l	98
6) Chloroethane	1.73	64	21689	19.88	ug/l	89
7) Trichlorofluoromethane	1.93	101	54656	20.79	ug/l	98
8) Diethyl Ether	2.19	74	19962	20.48	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29621	20.87	ug/l	98
10) Methyl Iodide	2.52	142	12583	19.05	ug/l	97
11) Tert butyl alcohol	3.08	59	65715	101.16	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26811	20.03	ug/l	98
13) Acrolein	2.30	56	36892	95.80	ug/l	98
14) Allyl chloride	2.73	41	52840	19.68	ug/l	97
15) Acrylonitrile	3.15	53	124800	104.16	ug/l	98
16) Acetone	2.45	43	138151	100.24	ug/l	97
17) Carbon Disulfide	2.57	76	61019	19.40	ug/l	99
18) Methyl Acetate	2.78	43	64689	21.05	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	104192	21.53	ug/l	99
20) Methylene Chloride	2.87	84	30288	19.27	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28243	19.46	ug/l	89
22) Diisopropyl ether	3.88	45	68839	18.02	ug/l	98
23) Vinyl Acetate	3.83	43	323247	87.51	ug/l	99
24) 1,1-Dichloroethane	3.70	63	48565	19.13	ug/l	99
25) 2-Butanone	4.71	43	142272	101.84	ug/l	97
26) 2,2-Dichloropropane	4.60	77	28534	20.53	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	22363	20.35	ug/l	99
28) Bromochloromethane	5.03	49	18922	19.89	ug/l	98
29) Tetrahydrofuran	5.18	42	87130	96.93	ug/l	99
30) Chloroform	5.23	83	42781	19.87	ug/l	96
31) Cyclohexane	5.58	56	30250	18.30	ug/l	# 95
32) 1,1,1-Trichloroethane	5.50	97	37409	21.11	ug/l	99
36) 1,1-Dichloropropene	5.81	75	30951	19.05	ug/l	95
37) Ethyl Acetate	4.87	43	47057	19.03	ug/l	99
38) Carbon Tetrachloride	5.79	117	30898	19.75	ug/l	99

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39) Methylcyclohexane	7.47	83	35450	18.87	ug/l	97
40) Benzene	6.15	78	91784	19.78	ug/l	97
41) Methacrylonitrile	5.07	41	25601	18.90	ug/l	98
42) 1,2-Dichloroethane	6.21	62	38760	19.97	ug/l	98
43) Isopropyl Acetate	6.48	43	68889	19.21	ug/l	100
44) Trichloroethene	7.22	130	24437	19.06	ug/l	98
45) 1,2-Dichloropropane	7.52	63	24924	19.92	ug/l	96
46) Dibromomethane	7.67	93	18460	20.10	ug/l	99
47) Bromodichloromethane	7.91	83	34058	19.50	ug/l #	99
48) Methyl methacrylate	7.79	41	33651	18.31	ug/l	98
49) 1,4-Dioxane	7.77	88	13757	353.19	ug/l	93
51) 4-Methyl-2-Pentanone	8.66	43	284606	97.59	ug/l	100
52) Toluene	8.79	92	63313	19.31	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	38466	20.38	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	37564	19.58	ug/l	90
55) 1,1,2-Trichloroethane	9.23	97	26193	19.16	ug/l	98
56) Ethyl methacrylate	9.19	69	40708	19.33	ug/l	98
57) 1,3-Dichloropropane	9.38	76	45482	20.31	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	101895	106.25	ug/l	99
59) 2-Hexanone	9.51	43	243591	98.22	ug/l	99
60) Dibromochloromethane	9.59	129	26180	18.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	28796	19.53	ug/l	98
64) Tetrachloroethene	9.34	164	22686	19.66	ug/l	96
65) Chlorobenzene	10.15	112	72086	19.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	24612	20.00	ug/l	96
67) Ethyl Benzene	10.26	91	129284	20.25	ug/l	94
68) m/p-Xylenes	10.37	106	97715	40.61	ug/l	99
69) o-Xylene	10.71	106	47577	20.08	ug/l	100
70) Styrene	10.72	104	80818	20.23	ug/l	99
71) Bromoform	10.87	173	20022	19.23	ug/l #	100
73) Isopropylbenzene	11.02	105	132142	21.25	ug/l	100
74) N-amyl acetate	6.48	43	68889	20.64	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	49801	21.04	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	46703m	20.81	ug/l	
77) Bromobenzene	11.26	156	30774	19.79	ug/l	95
78) n-propylbenzene	11.37	91	164953	21.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	92523	21.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	114296	21.52	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	12880	20.58	ug/l	91
82) 4-Chlorotoluene	11.52	91	113341	21.02	ug/l	99
83) tert-Butylbenzene	11.78	119	110800	21.40	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	119224	21.46	ug/l	100
85) sec-Butylbenzene	11.95	105	143257	21.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	125043	21.84	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	62223	20.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	67378	20.33	ug/l	98
89) n-Butylbenzene	12.40	91	124151	21.26	ug/l	100
90) Hexachloroethane	12.60	117	19089	19.63	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	64108	20.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14195	21.01	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	45030	21.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	15852	19.46	ug/l	97
95) Naphthalene	13.84	128	167387	21.62	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	44135	20.62	ug/l	99

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

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