

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000797.D
 Acq On : 12 Apr 2018 13:07
 Operator : JC/MD
 Sample : VX0412WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD01

Manual Integrations
 APPROVED

apatel
 4/13/2018 2:57:56 PM

Quant Time: Apr 13 07:10:53 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	259913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340884	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219966	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155467	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	5.51	113	129777	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.72	98	479576	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.15	95	194216	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	59311	20.22	ug/l	99
3) Chloromethane	1.32	50	45310	18.01	ug/l	100
4) Vinyl Chloride	1.40	62	54182	19.15	ug/l	96
5) Bromomethane	1.64	94	24521	20.11	ug/l	96
6) Chloroethane	1.73	64	32812	19.13	ug/l	99
7) Trichlorofluoromethane	1.93	101	85558	20.04	ug/l	97
8) Diethyl Ether	2.19	74	32475	20.36	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51808	20.58	ug/l	99
10) Methyl Iodide	2.51	142	18960	16.32	ug/l	100
11) Tert butyl alcohol	3.07	59	62334	107.13	ug/l	99
12) 1,1-Dichloroethene	2.38	96	45536	19.09	ug/l	98
13) Acrolein	2.29	56	18776	66.45	ug/l	94
14) Allyl chloride	2.73	41	86763	19.67	ug/l	98
15) Acrylonitrile	3.15	53	131064	105.65	ug/l	100
16) Acetone	2.45	43	120287	106.44	ug/l	100
17) Carbon Disulfide	2.57	76	131886	18.26	ug/l	100
18) Methyl Acetate	2.78	43	63944	21.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	166200	20.92	ug/l	99
20) Methylene Chloride	2.86	84	52916	20.13	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	50790	19.31	ug/l	96
22) Diisopropyl ether	3.88	45	162973	20.10	ug/l	99
23) Vinyl Acetate	3.83	43	720175	101.19	ug/l	100
24) 1,1-Dichloroethane	3.70	63	89642	19.71	ug/l	99
25) 2-Butanone	4.71	43	199235	106.75	ug/l	99
26) 2,2-Dichloropropane	4.59	77	86808	19.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59396	19.90	ug/l	99
28) Bromochloromethane	5.03	49	37762	20.62	ug/l	97
29) Tetrahydrofuran	5.17	42	125244	105.69	ug/l	99
30) Chloroform	5.22	83	97611	20.27	ug/l	100
31) Cyclohexane	5.58	56	85413	19.77	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	90468	19.72	ug/l	99
36) 1,1-Dichloropropene	5.81	75	73813	19.66	ug/l	100
37) Ethyl Acetate	4.87	43	78034	21.29	ug/l	100
38) Carbon Tetrachloride	5.79	117	82465	19.63	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	91314	20.25	ug/l	99
40) Benzene	6.15	78	211683	20.29	ug/l	99
41) Methacrylonitrile	5.07	41	45313	21.40	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81788	20.99	ug/l	99
43) Isopropyl Acetate	6.48	43	131893	20.99	ug/l	99
44) Trichloroethene	7.22	130	65212	20.10	ug/l	99
45) 1,2-Dichloropropane	7.52	63	54322	20.45	ug/l	98
46) Dibromomethane	7.67	93	38166	20.61	ug/l	99
47) Bromodichloromethane	7.90	83	76695	20.52	ug/l	97
48) Methyl methacrylate	7.79	41	68192	20.94	ug/l	99
49) 1,4-Dioxane	7.76	88	27983	427.53	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	399355	108.20	ug/l	99
52) Toluene	8.79	92	141364	20.43	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	91596	20.43	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	87445	20.03	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	57083	20.78	ug/l	98
56) Ethyl methacrylate	9.19	69	87434	20.63	ug/l	100
57) 1,3-Dichloropropane	9.38	76	92282	21.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	229042	115.67	ug/l	100
59) 2-Hexanone	9.51	43	307327	107.86	ug/l	100
60) Dibromochloromethane	9.59	129	66249	20.15	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61395	21.06	ug/l	99
64) Tetrachloroethene	9.34	164	64977	20.56	ug/l	95
65) Chlorobenzene	10.15	112	166647	20.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62559	20.44	ug/l	98
67) Ethyl Benzene	10.26	91	274735	20.26	ug/l	100
68) m/p-Xylenes	10.37	106	217705	40.68	ug/l	99
69) o-Xylene	10.71	106	105936	20.54	ug/l	100
70) Styrene	10.72	104	175458	20.18	ug/l	99
71) Bromoform	10.87	173	55840	19.70	ug/l #	100
73) Isopropylbenzene	11.02	105	287821	20.63	ug/l	100
74) N-amyl acetate	6.48	43	131893	20.99	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84635	20.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79533m	20.97	ug/l	
77) Bromobenzene	11.26	156	82938	20.28	ug/l	99
78) n-propylbenzene	11.37	91	326412	20.45	ug/l	99
79) 2-Chlorotoluene	11.43	91	191894	20.34	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	244724	20.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	26512	19.22	ug/l	96
82) 4-Chlorotoluene	11.52	91	230672	20.26	ug/l	99
83) tert-Butylbenzene	11.78	119	251873	20.51	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	254094	20.51	ug/l	100
85) sec-Butylbenzene	11.95	105	297380	20.53	ug/l	99
86) p-Isopropyltoluene	12.07	119	278234	20.60	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153907	20.33	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	155654	20.07	ug/l	99
89) n-Butylbenzene	12.40	91	246771	20.70	ug/l	100
90) Hexachloroethane	12.60	117	44386	19.42	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	150169	20.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20285	19.99	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128115	20.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	64962	21.19	ug/l	99
95) Naphthalene	13.84	128	333434	20.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	125104	20.66	ug/l	99

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

