

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001661.D
 Acq On : 12 May 2018 12:43
 Operator : JC/MD
 Sample : VX0512WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:31:43 PM

Quant Time: May 14 06:39:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208838	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	159919	44.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.78%	
35) Dibromofluoromethane	5.51	113	133210	48.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.40%	
50) Toluene-d8	8.72	98	468692	46.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.92%	
62) 4-Bromofluorobenzene	11.14	95	176621	45.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	61292	18.17	ug/l	98
3) Chloromethane	1.32	50	58248	17.73	ug/l	99
4) Vinyl Chloride	1.40	62	62979	18.36	ug/l	97
5) Bromomethane	1.64	94	37129	21.70	ug/l	98
6) Chloroethane	1.73	64	40953	18.07	ug/l	99
7) Trichlorofluoromethane	1.93	101	98347	19.05	ug/l	98
8) Diethyl Ether	2.19	74	38611	19.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59803	19.76	ug/l	100
10) Methyl Iodide	2.51	142	54817	12.56	ug/l	100
11) Tert butyl alcohol	3.07	59	72156	95.00	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51539	18.58	ug/l	99
13) Acrolein	2.29	56	9302	52.92	ug/l	100
14) Allyl chloride	2.73	41	97918	18.93	ug/l	100
15) Acrylonitrile	3.15	53	159569	92.97	ug/l	99
16) Acetone	2.45	43	160130	97.89	ug/l	100
17) Carbon Disulfide	2.57	76	116302	16.48	ug/l	100
18) Methyl Acetate	2.78	43	90032	20.95	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	188528	19.52	ug/l	98
20) Methylene Chloride	2.86	84	60312	18.62	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55102	17.80	ug/l	99
22) Diisopropyl ether	3.87	45	184701	19.12	ug/l	98
23) Vinyl Acetate	3.82	43	763779	94.85	ug/l	98
24) 1,1-Dichloroethane	3.70	63	106258	19.69	ug/l	100
25) 2-Butanone	4.71	43	224884	95.10	ug/l	99
26) 2,2-Dichloropropane	4.59	77	87013	20.88	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	64438	19.55	ug/l	98
28) Bromochloromethane	5.03	49	49597	21.20	ug/l	99
29) Tetrahydrofuran	5.17	42	137360	90.79	ug/l	99
30) Chloroform	5.22	83	113482	20.41	ug/l	96
31) Cyclohexane	5.58	56	86925	18.75	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	97771	20.12	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77310	19.56	ug/l	99
37) Ethyl Acetate	4.87	43	81119	18.72	ug/l	99
38) Carbon Tetrachloride	5.79	117	87297	20.71	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92235	19.74	ug/l	97
40) Benzene	6.15	78	236806	20.51	ug/l	98
41) Methacrylonitrile	5.06	41	48843	19.70	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92611	20.87	ug/l	99
43) Isopropyl Acetate	6.47	43	129566	19.48	ug/l	99
44) Trichloroethene	7.22	130	71974	20.40	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61653	21.42	ug/l	98
46) Dibromomethane	7.67	93	41849	20.54	ug/l	99
47) Bromodichloromethane	7.90	83	80200	21.27	ug/l	99
48) Methyl methacrylate	7.78	41	70068	19.35	ug/l	100
49) 1,4-Dioxane	7.76	88	30316	387.48	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	441280	99.85	ug/l	99
52) Toluene	8.79	92	155362	20.58	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	89648	21.04	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	81195	19.86	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64889	21.34	ug/l	95
56) Ethyl methacrylate	9.19	69	86791	19.80	ug/l	98
57) 1,3-Dichloropropane	9.38	76	103437	20.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	227632	105.87	ug/l	99
59) 2-Hexanone	9.50	43	327975	96.91	ug/l	100
60) Dibromochloromethane	9.59	129	63914	20.52	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63748	19.97	ug/l	100
64) Tetrachloroethene	9.34	164	83799	20.53	ug/l	97
65) Chlorobenzene	10.14	112	174231	20.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	64645	21.04	ug/l	99
67) Ethyl Benzene	10.26	91	286657	20.36	ug/l	98
68) m/p-Xylenes	10.37	106	228164	41.01	ug/l	99
69) o-Xylene	10.70	106	110912	20.51	ug/l	99
70) Styrene	10.72	104	181367	20.65	ug/l	99
71) Bromoform	10.86	173	49464	19.11	ug/l	99
73) Isopropylbenzene	11.02	105	304552	21.07	ug/l	100
74) N-amyl acetate	6.47	43	129566	19.73	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87569	20.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87377m	20.63	ug/l	
77) Bromobenzene	11.26	156	84365	20.07	ug/l	99
78) n-propylbenzene	11.37	91	335394	21.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	200880	20.73	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	252260	20.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21792	19.29	ug/l	91
82) 4-Chlorotoluene	11.52	91	233852	20.92	ug/l	100
83) tert-Butylbenzene	11.77	119	250658	20.93	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	261264	21.12	ug/l	100
85) sec-Butylbenzene	11.95	105	306462	21.32	ug/l	99
86) p-Isopropyltoluene	12.07	119	285034	21.61	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	154973	20.63	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	156848	20.47	ug/l	99
89) n-Butylbenzene	12.40	91	224696	20.56	ug/l	99
90) Hexachloroethane	12.60	117	42268	21.29	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156513	20.47	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18910	20.16	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114642	20.49	ug/l	100
94) Hexachlorobutadiene	13.79	225	63883	20.87	ug/l	100
95) Naphthalene	13.84	128	312616	20.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118765	20.69	ug/l	100

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

