

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001334.D
 Acq On : 02 May 2018 23:51
 Operator : JC/MD
 Sample : VX0502WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/3/2018 12:21:21 PM

Quant Time: May 03 06:39:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	204610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	134586	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	109203	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	5.51	113	92460	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	8.72	98	332520	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.14	95	121806	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	37712	21.53	ug/l	96
3) Chloromethane	1.32	50	35945	20.90	ug/l	99
4) Vinyl Chloride	1.40	62	39560	21.85	ug/l	99
5) Bromomethane	1.64	94	30756	21.89	ug/l	96
6) Chloroethane	1.72	64	25152	21.98	ug/l	97
7) Trichlorofluoromethane	1.93	101	69109	22.62	ug/l	97
8) Diethyl Ether	2.19	74	24513	23.37	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	37408	21.24	ug/l	99
10) Methyl Iodide	2.51	142	51464	28.81	ug/l	98
11) Tert butyl alcohol	3.09	59	53946	143.05	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34079	21.46	ug/l	99
13) Acrolein	2.30	56	17588	81.00	ug/l	96
14) Allyl chloride	2.73	41	60214	21.67	ug/l	99
15) Acrylonitrile	3.16	53	113131	129.44	ug/l	99
16) Acetone	2.45	43	110396	117.99	ug/l	99
17) Carbon Disulfide	2.57	76	77192	18.65	ug/l	99
18) Methyl Acetate	2.79	43	62549	28.31	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	126985	23.47	ug/l	99
20) Methylene Chloride	2.86	84	39730	22.66	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	36254	20.97	ug/l	98
22) Diisopropyl ether	3.89	45	122789	22.94	ug/l	96
23) Vinyl Acetate	3.84	43	530913	117.06	ug/l	99
24) 1,1-Dichloroethane	3.70	63	69723	23.39	ug/l	99
25) 2-Butanone	4.73	43	148891	117.70	ug/l	98
26) 2,2-Dichloropropane	4.59	77	29154	12.02	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	38255	20.13	ug/l	98
28) Bromochloromethane	5.03	49	32752	24.44	ug/l	100
29) Tetrahydrofuran	5.18	42	95329	122.53	ug/l	99
30) Chloroform	5.23	83	65884	20.91	ug/l	97
31) Cyclohexane	5.58	56	50262	18.67	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	56488	20.51	ug/l	99
36) 1,1-Dichloropropene	5.81	75	46233	18.61	ug/l	100
37) Ethyl Acetate	4.87	43	55470	22.11	ug/l	98
38) Carbon Tetrachloride	5.79	117	49944	19.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	52245	17.78	ug/l	97
40) Benzene	6.15	78	141439	19.79	ug/l	98
41) Methacrylonitrile	5.07	41	30707	21.02	ug/l	97
42) 1,2-Dichloroethane	6.21	62	54085	19.55	ug/l	97
43) Isopropyl Acetate	6.48	43	85920	21.16	ug/l	99
44) Trichloroethene	7.22	130	43740	20.00	ug/l	98
45) 1,2-Dichloropropane	7.52	63	36044	19.64	ug/l	96
46) Dibromomethane	7.67	93	26886	20.90	ug/l	98
47) Bromodichloromethane	7.91	83	45278	19.69	ug/l	95
48) Methyl methacrylate	7.79	41	46027	21.32	ug/l	99
49) 1,4-Dioxane	7.77	88	20932	513.80	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	306698	117.14	ug/l	99
52) Toluene	8.79	92	91950	19.68	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	49095	17.95	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	44291	17.60	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	39390	20.87	ug/l	98
56) Ethyl methacrylate	9.19	69	54527	20.85	ug/l	99
57) 1,3-Dichloropropane	9.38	76	63452	20.91	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	135618	107.51	ug/l	99
59) 2-Hexanone	9.51	43	234034	114.37	ug/l	99
60) Dibromochloromethane	9.59	129	40067	20.36	ug/l	97
61) 1,2-Dibromoethane	9.68	107	42132	21.07	ug/l	100
64) Tetrachloroethene	9.34	164	55912	23.07	ug/l	97
65) Chlorobenzene	10.15	112	107635	19.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	39224	20.31	ug/l	99
67) Ethyl Benzene	10.26	91	172939	18.86	ug/l	98
68) m/p-Xylenes	10.37	106	137830	38.20	ug/l	99
69) o-Xylene	10.71	106	67592	19.32	ug/l	99
70) Styrene	10.72	104	110734	19.35	ug/l	99
71) Bromoform	10.87	173	32071	19.76	ug/l #	98
73) Isopropylbenzene	11.02	105	182108	20.23	ug/l	99
74) N-amyl acetate	6.48	43	85920	22.24	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	58950	21.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	54664m	21.96	ug/l	
77) Bromobenzene	11.26	156	53827	20.73	ug/l	97
78) n-propylbenzene	11.37	91	198853	19.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	121244	20.08	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	154259	20.40	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10666	17.03	ug/l	89
82) 4-Chlorotoluene	11.52	91	141154	19.44	ug/l	99
83) tert-Butylbenzene	11.77	119	145739	19.33	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	159636	20.60	ug/l	100
85) sec-Butylbenzene	11.95	105	181535	20.12	ug/l	100
86) p-Isopropyltoluene	12.07	119	164844	19.92	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	94697	19.53	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	95044	19.01	ug/l	99
89) n-Butylbenzene	12.40	91	130274	18.04	ug/l	100
90) Hexachloroethane	12.60	117	22801	19.03	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	97476	20.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12502	22.93	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69407	17.88	ug/l	100
94) Hexachlorobutadiene	13.79	225	37986	18.70	ug/l	97
95) Naphthalene	13.84	128	206633	20.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	73737	19.35	ug/l	99

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

