

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000534.D
 Acq On : 30 Mar 2018 01:20
 Operator : JC/MD
 Sample : VX0329WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Manual Integrations
 APPROVED

sam
 3/30/2018 4:10:35 PM

Quant Time: Mar 30 08:07:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	120356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	198480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	204331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122215	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	79463	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
35) Dibromofluoromethane	5.51	113	62045	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
50) Toluene-d8	8.73	98	247731	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.15	95	95394	44.38	ug/l	0.00
Spiked Amount			Recovery	=	88.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	24451	18.43	ug/l	96
3) Chloromethane	1.32	50	24853	17.79	ug/l	97
4) Vinyl Chloride	1.40	62	31674	21.45	ug/l	98
5) Bromomethane	1.64	94	34730	19.67	ug/l	98
6) Chloroethane	1.73	64	23711	28.36	ug/l	95
7) Trichlorofluoromethane	1.93	101	60081	22.54	ug/l	99
8) Diethyl Ether	2.20	74	21680	22.76	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31819	21.41	ug/l	98
10) Methyl Iodide	2.51	142	23684	18.99	ug/l	99
11) Tert butyl alcohol	3.08	59	77916	144.18	ug/l	97
12) 1,1-Dichloroethene	2.37	96	29604	22.69	ug/l	97
13) Acrolein	2.30	56	17851	112.00	ug/l	99
14) Allyl chloride	2.73	41	54270	23.50	ug/l	98
15) Acrylonitrile	3.15	53	135638	123.92	ug/l	98
16) Acetone	2.45	43	139042	106.39	ug/l	100
17) Carbon Disulfide	2.57	76	69164	19.94	ug/l	99
18) Methyl Acetate	2.79	43	73147	26.70	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	109158	22.62	ug/l	97
20) Methylene Chloride	2.86	84	32662	21.64	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	31503	21.65	ug/l	95
22) Diisopropyl ether	3.89	45	74427	18.25	ug/l	94
23) Vinyl Acetate	3.84	43	331730	85.81	ug/l	98
24) 1,1-Dichloroethane	3.70	63	45396	17.71	ug/l	97
25) 2-Butanone	4.72	43	157689	107.34	ug/l	98
26) 2,2-Dichloropropane	4.59	77	30485	16.96	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	26789	19.70	ug/l	97
28) Bromochloromethane	5.03	49	19385	18.33	ug/l	95
29) Tetrahydrofuran	5.18	42	103523	114.54	ug/l	99
30) Chloroform	5.23	83	51840	21.57	ug/l	96
31) Cyclohexane	5.58	56	37564	18.95	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	44728	20.63	ug/l	98
36) 1,1-Dichloropropene	5.81	75	37024	19.91	ug/l	98
37) Ethyl Acetate	4.87	43	52962	20.85	ug/l	99
38) Carbon Tetrachloride	5.79	117	37482	19.22	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42070	18.61	ug/l	94
40) Benzene	6.15	78	112624	20.86	ug/l	98
41) Methacrylonitrile	5.07	41	27486	20.53	ug/l	96
42) 1,2-Dichloroethane	6.21	62	43380	20.48	ug/l	97
43) Isopropyl Acetate	6.48	43	77807	20.58	ug/l	98
44) Trichloroethene	7.22	130	31584	20.42	ug/l	90
45) 1,2-Dichloropropane	7.52	63	29105	21.06	ug/l	98
46) Dibromomethane	7.67	93	22886	21.10	ug/l	97
47) Bromodichloromethane	7.91	83	39960	20.94	ug/l	97
48) Methyl methacrylate	7.79	41	38935	21.21	ug/l	98
49) 1,4-Dioxane	7.77	88	19113	495.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	323468	110.55	ug/l	97
52) Toluene	8.79	92	74207	19.66	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	43618	19.72	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	41847	19.51	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	31644	20.39	ug/l	97
56) Ethyl methacrylate	9.19	69	46553	19.79	ug/l	98
57) 1,3-Dichloropropane	9.38	76	52839	21.28	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	96661	85.63	ug/l	100
59) 2-Hexanone	9.51	43	272180	109.55	ug/l	99
60) Dibromochloromethane	9.59	129	32242	20.22	ug/l	98
61) 1,2-Dibromoethane	9.68	107	34319	20.62	ug/l	99
64) Tetrachloroethene	9.34	164	32574	20.54	ug/l	90
65) Chlorobenzene	10.15	112	88740	19.51	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	30001	19.43	ug/l	97
67) Ethyl Benzene	10.26	91	151282	19.63	ug/l	99
68) m/p-Xylenes	10.37	106	115649	38.13	ug/l	99
69) o-Xylene	10.71	106	56967	19.40	ug/l	100
70) Styrene	10.72	104	94762	19.50	ug/l	99
71) Bromoform	10.87	173	25566	19.14	ug/l #	97
73) Isopropylbenzene	11.02	105	159515	19.70	ug/l	98
74) N-amyl acetate	6.48	43	77807	20.07	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	58082	20.28	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	53653m	20.43	ug/l	
77) Bromobenzene	11.26	156	40329	18.70	ug/l	99
78) n-propylbenzene	11.37	91	186596	19.33	ug/l	99
79) 2-Chlorotoluene	11.43	91	107463	19.27	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	133175	19.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13269	16.36	ug/l	89
82) 4-Chlorotoluene	11.52	91	132524	19.90	ug/l	100
83) tert-Butylbenzene	11.78	119	131467	19.15	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	139735	19.57	ug/l	98
85) sec-Butylbenzene	11.95	105	167379	19.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	149087	19.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	79513	19.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84023	19.62	ug/l	98
89) n-Butylbenzene	12.40	91	143411	20.41	ug/l	97
90) Hexachloroethane	12.60	117	22991	19.36	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	80288	20.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16699	20.91	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56171	19.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	23192	19.54	ug/l	98
95) Naphthalene	13.84	128	207189	20.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	57977	20.47	ug/l	99

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

