

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001072.D
 Acq On : 23 Apr 2018 21:00
 Operator : JC/MD
 Sample : VX0423WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

Manual Integrations
 APPROVED

sam
 4/24/2018 6:07:52 PM

Quant Time: Apr 24 08:45:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180239	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	134061	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
35) Dibromofluoromethane	5.51	113	107570	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	8.72	98	385437	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.14	95	156730	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54170	21.37	ug/l	100
3) Chloromethane	1.32	50	43648	18.49	ug/l	100
4) Vinyl Chloride	1.40	62	48869	19.98	ug/l	99
5) Bromomethane	1.65	94	32754	21.01	ug/l	100
6) Chloroethane	1.73	64	31447	21.63	ug/l	100
7) Trichlorofluoromethane	1.93	101	76660	20.86	ug/l	100
8) Diethyl Ether	2.19	74	28002	20.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43517	20.21	ug/l	99
10) Methyl Iodide	2.51	142	17180	14.46	ug/l	100
11) Tert butyl alcohol	3.08	59	46058	117.87	ug/l	99
12) 1,1-Dichloroethene	2.38	96	40281	20.23	ug/l	97
13) Acrolein	2.30	56	17938	151.85	ug/l	99
14) Allyl chloride	2.73	41	71785	19.92	ug/l	98
15) Acrylonitrile	3.15	53	110950	104.92	ug/l	99
16) Acetone	2.45	43	113215	116.04	ug/l	100
17) Carbon Disulfide	2.57	76	98178	17.30	ug/l	99
18) Methyl Acetate	2.78	43	71294	24.15	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	141408	21.12	ug/l	99
20) Methylene Chloride	2.86	84	46372	21.68	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	43330	19.55	ug/l	97
22) Diisopropyl ether	3.88	45	142794	20.47	ug/l	98
23) Vinyl Acetate	3.83	43	567781	98.30	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79877	20.41	ug/l	100
25) 2-Butanone	4.71	43	163208	107.16	ug/l	100
26) 2,2-Dichloropropane	4.59	77	58425	17.36	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	49249	19.94	ug/l	98
28) Bromochloromethane	5.03	49	31726	21.08	ug/l	97
29) Tetrahydrofuran	5.18	42	101636	105.61	ug/l	100
30) Chloroform	5.23	83	82330	20.31	ug/l	99
31) Cyclohexane	5.58	56	69659	19.07	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	73058	20.11	ug/l	98
36) 1,1-Dichloropropene	5.81	75	60714	18.35	ug/l	99
37) Ethyl Acetate	4.87	43	61010	20.10	ug/l	100
38) Carbon Tetrachloride	5.79	117	63249	18.88	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	69245	17.98	ug/l	97
40) Benzene	6.15	78	179341	19.50	ug/l	99
41) Methacrylonitrile	5.07	41	36130	19.06	ug/l	96
42) 1,2-Dichloroethane	6.21	62	69938	19.81	ug/l	99
43) Isopropyl Acetate	6.48	43	102866	19.76	ug/l	99
44) Trichloroethene	7.22	130	53662	19.10	ug/l	99
45) 1,2-Dichloropropane	7.53	63	45767	19.79	ug/l	100
46) Dibromomethane	7.67	93	31951	19.77	ug/l	98
47) Bromodichloromethane	7.91	83	57831	19.32	ug/l	99
48) Methyl methacrylate	7.79	41	55941	19.95	ug/l	99
49) 1,4-Dioxane	7.76	88	17622	427.45	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	333038	105.35	ug/l	98
52) Toluene	8.79	92	116795	19.46	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	67780	18.93	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	62740	18.58	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	47284	19.82	ug/l	97
56) Ethyl methacrylate	9.19	69	69120	19.72	ug/l	98
57) 1,3-Dichloropropane	9.38	76	78390	19.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	172594	100.91	ug/l	99
59) 2-Hexanone	9.51	43	250882	103.68	ug/l	98
60) Dibromochloromethane	9.59	129	47481	18.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	50007	19.86	ug/l	99
64) Tetrachloroethene	9.34	164	57336	20.11	ug/l	99
65) Chlorobenzene	10.15	112	150496	21.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47919	19.52	ug/l	99
67) Ethyl Benzene	10.26	91	227280	19.14	ug/l	100
68) m/p-Xylenes	10.37	106	177606	37.95	ug/l	98
69) o-Xylene	10.71	106	86645	19.20	ug/l	97
70) Styrene	10.72	104	141333	19.02	ug/l	99
71) Bromoform	10.87	173	37283	18.15	ug/l	100
73) Isopropylbenzene	11.02	105	235190	19.96	ug/l	100
74) N-amyl acetate	6.48	43	102866	20.41	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70172	21.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	64970m	20.78	ug/l	
77) Bromobenzene	11.26	156	66190	19.35	ug/l	97
78) n-propylbenzene	11.37	91	263530	19.48	ug/l	99
79) 2-Chlorotoluene	11.43	91	158495	19.83	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	198760	19.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14900	16.92	ug/l	90
82) 4-Chlorotoluene	11.52	91	185744	19.23	ug/l	100
83) tert-Butylbenzene	11.77	119	198561	19.71	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	204498	19.89	ug/l	99
85) sec-Butylbenzene	11.95	105	237286	19.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	214543	19.28	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	122071	19.06	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	124854	19.00	ug/l	99
89) n-Butylbenzene	12.40	91	180073	18.19	ug/l	99
90) Hexachloroethane	12.60	117	29920	18.98	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	122364	19.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14642	20.95	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93177	17.91	ug/l	99
94) Hexachlorobutadiene	13.79	225	44147	18.75	ug/l	97
95) Naphthalene	13.84	128	258720	20.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94082	18.69	ug/l	100

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

