

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005523.D
 Acq On : 23 Oct 2018 16:14
 Operator : JC/MD
 Sample : VX1023WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 10:02:49 AM

Quant Time: Oct 24 02:25:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	266024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	125015	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	5.51	113	105588	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	352277	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.14	95	131347	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	35625	21.362	ug/l	100
3) Chloromethane	1.32	50	50167	20.760	ug/l	89
4) Vinyl Chloride	1.41	62	50104	20.468	ug/l	97
5) Bromomethane	1.64	94	29671	21.795	ug/l	94
6) Chloroethane	1.72	64	32717	21.582	ug/l	97
7) Trichlorofluoromethane	1.93	101	70672	21.634	ug/l	96
8) Diethyl Ether	2.19	74	31088	22.286	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40633	21.551	ug/l	96
10) Methyl Iodide	2.51	142	42251	21.909	ug/l	98
11) Tert butyl alcohol	3.07	59	75072	112.423	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39573	21.184	ug/l	94
13) Acrolein	2.29	56	30406	69.798	ug/l	90
14) Allyl chloride	2.73	41	88819	21.656	ug/l	93
15) Acrylonitrile	3.15	53	167734	110.848	ug/l	99
16) Acetone	2.45	43	147369	107.670	ug/l	97
17) Carbon Disulfide	2.57	76	95137	16.811	ug/l	98
18) Methyl Acetate	2.78	43	97468	25.031	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	148148	22.517	ug/l	96
20) Methylene Chloride	2.85	84	45952	22.317	ug/l #	89
21) trans-1,2-Dichloroethene	3.17	96	39445	19.053	ug/l	98
22) Diisopropyl ether	3.87	45	160998	23.371	ug/l #	85
23) Vinyl Acetate	3.82	43	656648	109.057	ug/l	95
24) 1,1-Dichloroethane	3.69	63	83869	21.243	ug/l	98
25) 2-Butanone	4.70	43	233397	116.548	ug/l	93
26) 2,2-Dichloropropane	4.59	77	62322	21.106	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46754	20.780	ug/l	88
28) Bromochloromethane	5.02	49	42882	23.826	ug/l	87
29) Tetrahydrofuran	5.16	42	141025	110.401	ug/l	94
30) Chloroform	5.21	83	82864	22.612	ug/l	94
31) Cyclohexane	5.58	56	65920	20.258	ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	70528	22.119	ug/l	99
36) 1,1-Dichloropropene	5.79	75	56469	18.040	ug/l	98
37) Ethyl Acetate	4.85	43	83043	20.629	ug/l	96
38) Carbon Tetrachloride	5.79	117	60263	19.161	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58113	17.154	ug/l	91
40) Benzene	6.14	78	180404	19.213	ug/l	97
41) Methacrylonitrile	5.06	41	45394	21.034	ug/l	95
42) 1,2-Dichloroethane	6.20	62	71387	21.531	ug/l	95
43) Isopropyl Acetate	6.46	43	116026	21.637	ug/l	97
44) Trichloroethene	7.21	130	41677	16.972	ug/l	86
45) 1,2-Dichloropropane	7.52	63	44614	19.370	ug/l	98
46) Dibromomethane	7.66	93	27693	18.217	ug/l	97
47) Bromodichloromethane	7.90	83	55364	19.689	ug/l	98
48) Methyl methacrylate	7.78	41	53975	19.407	ug/l	94
49) 1,4-Dioxane	7.76	88	23001	358.569	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	392506	105.713	ug/l	92
52) Toluene	8.79	92	98839	19.240	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	58719	19.296	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	63982	19.404	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	43176	19.843	ug/l	98
56) Ethyl methacrylate	9.18	69	63445	20.002	ug/l	93
57) 1,3-Dichloropropane	9.37	76	71677	19.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	181278	101.905	ug/l	93
59) 2-Hexanone	9.49	43	304368	101.908	ug/l	91
60) Dibromochloromethane	9.59	129	43965	19.548	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43836	19.197	ug/l	100
64) Tetrachloroethene	9.34	164	43627	20.371	ug/l	97
65) Chlorobenzene	10.14	112	111548	19.713	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	42074	20.865	ug/l	99
67) Ethyl Benzene	10.25	91	185590	20.175	ug/l	96
68) m/p-Xylenes	10.36	106	142598	39.938	ug/l	91
69) o-Xylene	10.70	106	69394	20.152	ug/l	95
70) Styrene	10.71	104	115314	20.359	ug/l	95
71) Bromoform	10.86	173	35282	19.579	ug/l	98
73) Isopropylbenzene	11.02	105	193548	22.112	ug/l	99
74) N-amyl acetate	10.90	43	93675	22.189	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	69864	21.159	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	66774m	23.380	ug/l	
77) Bromobenzene	11.26	156	51095	20.416	ug/l	95
78) n-propylbenzene	11.36	91	219840	21.826	ug/l	99
79) 2-Chlorotoluene	11.42	91	132567	21.490	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	162009	21.614	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	19371	20.608	ug/l	96
82) 4-Chlorotoluene	11.51	91	156474	21.398	ug/l	98
83) tert-Butylbenzene	11.77	119	160712	21.173	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	168588	21.856	ug/l	97
85) sec-Butylbenzene	11.94	105	196831	21.912	ug/l	98
86) p-Isopropyltoluene	12.07	119	174024	21.434	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	94645	20.238	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	97035	20.282	ug/l	99
89) n-Butylbenzene	12.39	91	148796	20.185	ug/l	97
90) Hexachloroethane	12.60	117	28082	20.070	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	95891	20.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16750	20.797	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70621	20.170	ug/l	98
94) Hexachlorobutadiene	13.79	225	35646	19.276	ug/l	97
95) Naphthalene	13.83	128	220649	21.730	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	74136	20.694	ug/l	99

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

