

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005386.D
 Acq On : 17 Oct 2018 11:44
 Operator : JC/MD
 Sample : VX1017WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:20 PM

Quant Time: Oct 17 17:24:41 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	5.66	168	253030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361993	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192677	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138666	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.51	113	113670	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.71	98	431091	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	161616	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	39293	19.86 ug/l	92
3) Chloromethane	1.32	50	52506	18.32 ug/l	100
4) Vinyl Chloride	1.40	62	53563	18.44 ug/l	99
5) Bromomethane	1.64	94	33753	20.92 ug/l	98
6) Chloroethane	1.71	64	34404	19.08 ug/l	97
7) Trichlorofluoromethane	1.92	101	78215	20.18 ug/l	94
8) Diethyl Ether	2.19	74	32186	19.45 ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45928	20.53 ug/l	96
10) Methyl Iodide	2.51	142	49239	21.57 ug/l	98
11) Tert butyl alcohol	3.07	59	79087	99.84 ug/l	100
12) 1,1-Dichloroethene	2.37	96	43354	19.56 ug/l	96
13) Acrolein	2.29	56	33276	64.22 ug/l	97
14) Allyl chloride	2.73	41	92473	19.01 ug/l	96
15) Acrylonitrile	3.15	53	171619	95.60 ug/l	98
16) Acetone	2.45	43	153887	94.78 ug/l	96
17) Carbon Disulfide	2.57	76	118900	17.71 ug/l	99
18) Methyl Acetate	2.78	43	95664	20.71 ug/l	95
19) Methyl tert-butyl Ether	3.20	73	160900	20.61 ug/l	96
20) Methylene Chloride	2.85	84	51364	20.95 ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	47170	19.21 ug/l	96
22) Diisopropyl ether	3.87	45	154714	18.93 ug/l	98
23) Vinyl Acetate	3.82	43	662975	92.82 ug/l	97
24) 1,1-Dichloroethane	3.70	63	91722	19.58 ug/l	99
25) 2-Butanone	4.70	43	224790	94.62 ug/l	94
26) 2,2-Dichloropropane	4.58	77	65248	18.63 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	50017	18.74 ug/l	94
28) Bromochloromethane	5.02	49	43040	20.16 ug/l	95
29) Tetrahydrofuran	5.16	42	145019	95.70 ug/l	93
30) Chloroform	5.21	83	85785	19.73 ug/l	97
31) Cyclohexane	5.57	56	72435	18.76 ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	74141	19.60 ug/l	99
36) 1,1-Dichloropropene	5.80	75	61378	17.51 ug/l	99
37) Ethyl Acetate	4.85	43	80616	17.88 ug/l	99
38) Carbon Tetrachloride	5.78	117	64192	18.22 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69389	18.29	ug/l	93
40) Benzene	6.14	78	204259	19.42	ug/l	95
41) Methacrylonitrile	5.06	41	45447	18.80	ug/l	97
42) 1,2-Dichloroethane	6.20	62	69574	18.74	ug/l	99
43) Isopropyl Acetate	6.46	43	119146	19.84	ug/l	98
44) Trichloroethene	7.21	130	53645	19.60	ug/l	98
45) 1,2-Dichloropropane	7.51	63	50430	19.55	ug/l	98
46) Dibromomethane	7.66	93	32891	19.32	ug/l	98
47) Bromodichloromethane	7.90	83	62973	19.99	ug/l	99
48) Methyl methacrylate	7.77	41	60013	19.27	ug/l	96
49) 1,4-Dioxane	7.76	88	27151	377.90	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	426628	102.59	ug/l	94
52) Toluene	8.79	92	120505	20.94	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67654	19.85	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	75513	20.45	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	50201	20.60	ug/l	99
56) Ethyl methacrylate	9.18	69	73294	20.63	ug/l	95
57) 1,3-Dichloropropane	9.37	76	83215	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	213728	107.27	ug/l	95
59) 2-Hexanone	9.50	43	336041	100.45	ug/l	93
60) Dibromochloromethane	9.59	129	51063	20.27	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52373	20.48	ug/l	100
64) Tetrachloroethene	9.34	164	56212	20.52	ug/l	98
65) Chlorobenzene	10.14	112	136973	18.92	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	50280	19.49	ug/l	98
67) Ethyl Benzene	10.25	91	224422	19.07	ug/l	98
68) m/p-Xylenes	10.36	106	177300	38.82	ug/l	95
69) o-Xylene	10.70	106	84912	19.28	ug/l	96
70) Styrene	10.71	104	142908	19.72	ug/l	98
71) Bromoform	10.86	173	42556	18.46	ug/l	99
73) Isopropylbenzene	11.02	105	233297	20.37	ug/l	100
74) N-amyl acetate	10.90	43	105660	19.13	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	82324	19.05	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	86484m	23.14	ug/l	
77) Bromobenzene	11.26	156	65129	19.89	ug/l	100
78) n-propylbenzene	11.36	91	267304	20.28	ug/l	100
79) 2-Chlorotoluene	11.42	91	162532	20.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	200283	20.42	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	22437	18.24	ug/l	98
82) 4-Chlorotoluene	11.51	91	189191	19.77	ug/l	99
83) tert-Butylbenzene	11.77	119	197061	19.84	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	207681	20.57	ug/l	98
85) sec-Butylbenzene	11.94	105	238436	20.28	ug/l	98
86) p-Isopropyltoluene	12.07	119	217112	20.44	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	119559	19.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122073	19.50	ug/l	99
89) n-Butylbenzene	12.39	91	184662	19.14	ug/l	98
90) Hexachloroethane	12.60	117	32487	17.74	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	120879	19.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19488	18.49	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90928	19.85	ug/l	98
94) Hexachlorobutadiene	13.79	225	46854	19.36	ug/l	97
95) Naphthalene	13.83	128	269289	20.27	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	93584	19.96	ug/l	99

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

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