

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004653.D
 Acq On : 18 Sep 2018 13:09
 Operator : JC/MD
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 12:51:14 PM

Quant Time: Sep 18 15:48:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	82079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	113125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	95780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	52305	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	48430	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	5.50	113	41360	39.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.90%	
50) Toluene-d8	8.71	98	163659	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
62) 4-Bromofluorobenzene	11.14	95	52068	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	17595	22.873 ug/l	98
3) Chloromethane	1.32	50	20790	19.638 ug/l #	88
4) Vinyl Chloride	1.40	62	22224	20.454 ug/l	98
5) Bromomethane	1.63	94	10944	23.427 ug/l	93
6) Chloroethane	1.70	64	12896	18.353 ug/l	97
7) Trichlorofluoromethane	1.92	101	32084	22.274 ug/l	89
8) Diethyl Ether	2.18	74	12509	19.371 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21611	23.650 ug/l	99
10) Methyl Iodide	2.50	142	14339	16.266 ug/l	98
11) Tert butyl alcohol	3.09	59	49870	197.479 ug/l	99
12) 1,1-Dichloroethene	2.37	96	17910	20.883 ug/l	95
13) Acrolein	2.30	56	9562	95.921 ug/l	91
14) Allyl chloride	2.72	41	37168	21.080 ug/l	90
15) Acrylonitrile	3.15	53	94855	155.978 ug/l	99
16) Acetone	2.45	43	84852	164.268 ug/l	98
17) Carbon Disulfide	2.56	76	47769	19.270 ug/l	99
18) Methyl Acetate	2.78	43	46321	31.963 ug/l	98
19) Methyl tert-butyl Ether	3.20	73	54937	18.256 ug/l	97
20) Methylene Chloride	2.85	84	19334	18.246 ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	18399	19.415 ug/l	90
22) Diisopropyl ether	3.87	45	58325	18.367 ug/l	94
23) Vinyl Acetate	3.82	43	238793	92.922 ug/l	99
24) 1,1-Dichloroethane	3.69	63	33530	18.702 ug/l	98
25) 2-Butanone	4.70	43	131524	159.987 ug/l	92
26) 2,2-Dichloropropane	4.58	77	26813	21.774 ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	19869	18.781 ug/l	97
28) Bromochloromethane	5.02	49	13804	16.832 ug/l	96
29) Tetrahydrofuran	5.16	42	78698	158.739 ug/l	97
30) Chloroform	5.21	83	31815	18.176 ug/l	95
31) Cyclohexane	5.57	56	33418	21.829 ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	27971	19.841 ug/l	99
36) 1,1-Dichloropropene	5.79	75	24977	18.186 ug/l	98
37) Ethyl Acetate	4.86	43	37519	24.020 ug/l	99
38) Carbon Tetrachloride	5.78	117	24854	18.528 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34168	23.841	ug/l	90
40) Benzene	6.14	78	74862	18.371	ug/l	100
41) Methacrylonitrile	5.06	41	19565	22.733	ug/l	99
42) 1,2-Dichloroethane	6.20	62	22722	16.812	ug/l	100
43) Isopropyl Acetate	6.47	43	44609	21.502	ug/l	99
44) Trichloroethene	7.21	130	20792	19.640	ug/l	93
45) 1,2-Dichloropropane	7.52	63	17938	18.294	ug/l	100
46) Dibromomethane	7.66	93	10547	17.026	ug/l	96
47) Bromodichloromethane	7.90	83	19858	16.952	ug/l	99
48) Methyl methacrylate	7.78	41	20561	20.025	ug/l	98
49) 1,4-Dioxane	7.76	88	20448	841.439	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	172575	117.871	ug/l	97
52) Toluene	8.79	92	44008	18.330	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	20295	14.831	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	23158	16.601	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	16845	16.295	ug/l	99
56) Ethyl methacrylate	9.18	69	23313	15.941	ug/l	98
57) 1,3-Dichloropropane	9.37	76	28201	16.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	61001	86.761	ug/l	97
59) 2-Hexanone	9.50	43	148050	131.832	ug/l	96
60) Dibromochloromethane	9.59	129	15487	15.913	ug/l	98
61) 1,2-Dibromoethane	9.68	107	17178	17.395	ug/l	99
64) Tetrachloroethene	9.34	164	25172	21.050	ug/l	97
65) Chlorobenzene	10.14	112	46149	19.398	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	16204	19.751	ug/l	99
67) Ethyl Benzene	10.26	91	78352	20.254	ug/l	97
68) m/p-Xylenes	10.36	106	59886	40.188	ug/l	97
69) o-Xylene	10.70	106	28746	20.065	ug/l	100
70) Styrene	10.71	104	43613	18.376	ug/l	98
71) Bromoform	10.86	173	12606	18.713	ug/l #	97
73) Isopropylbenzene	11.02	105	84092	24.412	ug/l	100
74) N-amyl acetate	10.90	43	29766	20.530	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	26236	23.612	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	28560m	27.140	ug/l	
77) Bromobenzene	11.26	156	20318	21.339	ug/l	99
78) n-propylbenzene	11.36	91	93524	23.613	ug/l	99
79) 2-Chlorotoluene	11.42	91	53281	22.180	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	66534	22.976	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	7851	23.780	ug/l	99
82) 4-Chlorotoluene	11.51	91	59288	21.147	ug/l	99
83) tert-Butylbenzene	11.77	119	67453	24.466	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	65812	22.259	ug/l	99
85) sec-Butylbenzene	11.95	105	90372	25.723	ug/l	99
86) p-Isopropyltoluene	12.07	119	75162	24.227	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	36325	20.448	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	36299	19.775	ug/l	99
89) n-Butylbenzene	12.39	91	63817	22.573	ug/l	97
90) Hexachloroethane	12.60	117	11319	22.790	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	37832	21.041	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7690	32.413	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	22323	17.534	ug/l	98
94) Hexachlorobutadiene	13.79	225	19286	29.000	ug/l	98
95) Naphthalene	13.83	128	81057	22.700	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	24627	18.828	ug/l	98

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

