

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004030.D
 Acq On : 14 Aug 2018 15:04
 Operator : JC/MD
 Sample : VX0814WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

Quant Time: Aug 14 15:26:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	343078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	495237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	470346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287433	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	229171	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
35) Dibromofluoromethane	5.50	113	187064	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	8.71	98	747074	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.14	95	273977	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	67181	20.12	ug/l	97
3) Chloromethane	1.32	50	79171	19.32	ug/l	99
4) Vinyl Chloride	1.40	62	86356	19.47	ug/l	99
5) Bromomethane	1.64	94	47247	20.92	ug/l	98
6) Chloroethane	1.73	64	63202	20.62	ug/l	98
7) Trichlorofluoromethane	1.93	101	118689	19.08	ug/l	98
8) Diethyl Ether	2.18	74	52362	19.28	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	75883	19.55	ug/l	100
10) Methyl Iodide	2.51	142	60183	18.08	ug/l	99
11) Tert butyl alcohol	3.04	59	99376	102.09	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70370	19.50	ug/l	97
13) Acrolein	2.29	56	59552	97.17	ug/l	99
14) Allyl chloride	2.73	41	129624	18.88	ug/l	96
15) Acrylonitrile	3.14	53	243835	100.47	ug/l	100
16) Acetone	2.43	43	243372	96.84	ug/l	98
17) Carbon Disulfide	2.57	76	197063	19.25	ug/l	100
18) Methyl Acetate	2.77	43	103218	18.48	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	252999	19.90	ug/l	100
20) Methylene Chloride	2.86	84	82679	19.76	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	80409	19.62	ug/l	96
22) Diisopropyl ether	3.86	45	268851	19.98	ug/l	93
23) Vinyl Acetate	3.82	43	1133470	102.55	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150327	19.72	ug/l	100
25) 2-Butanone	4.70	43	383516	93.79	ug/l	100
26) 2,2-Dichloropropane	4.58	77	117625	19.41	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	88875	19.28	ug/l	99
28) Bromochloromethane	5.01	49	64944	18.57	ug/l	99
29) Tetrahydrofuran	5.15	42	191067	91.45	ug/l	99
30) Chloroform	5.21	83	145089	19.50	ug/l	98
31) Cyclohexane	5.57	56	122547	18.34	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	120856	19.44	ug/l	99
36) 1,1-Dichloropropene	5.79	75	112487	19.96	ug/l	100
37) Ethyl Acetate	4.85	43	117921	19.22	ug/l	99
38) Carbon Tetrachloride	5.78	117	105108	19.20	ug/l	97

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39) Methylcyclohexane	7.46	83	128055	20.03	ug/l	99
40) Benzene	6.14	78	329041	19.44	ug/l	99
41) Methacrylonitrile	5.06	41	64690	18.82	ug/l	99
42) 1,2-Dichloroethane	6.20	62	114339	19.30	ug/l	100
43) Isopropyl Acetate	6.46	43	176818	19.55	ug/l	100
44) Trichloroethene	7.21	130	90615	19.73	ug/l	97
45) 1,2-Dichloropropane	7.51	63	85816	19.81	ug/l	98
46) Dibromomethane	7.66	93	55388	19.57	ug/l	99
47) Bromodichloromethane	7.90	83	104173	19.43	ug/l	100
48) Methyl methacrylate	7.77	41	90124	19.79	ug/l	98
49) 1,4-Dioxane	7.75	88	41505	404.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	740023	99.77	ug/l	100
52) Toluene	8.79	92	215476	20.13	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	115323	19.91	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129165	20.14	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	85555	19.36	ug/l	98
56) Ethyl methacrylate	9.18	69	120134	19.99	ug/l	99
57) 1,3-Dichloropropane	9.37	76	144879	19.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	331214	108.23	ug/l	100
59) 2-Hexanone	9.49	43	563643	100.97	ug/l	99
60) Dibromochloromethane	9.59	129	82662	19.44	ug/l	100
61) 1,2-Dibromoethane	9.67	107	88262	19.59	ug/l	100
64) Tetrachloroethene	9.34	164	87019	19.52	ug/l	96
65) Chlorobenzene	10.14	112	238929	19.67	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	82119	19.82	ug/l	99
67) Ethyl Benzene	10.25	91	388406	20.19	ug/l	97
68) m/p-Xylenes	10.36	106	313492	41.61	ug/l	97
69) o-Xylene	10.70	106	147766	20.52	ug/l	97
70) Styrene	10.71	104	246410	20.34	ug/l	99
71) Bromoform	10.86	173	60264	18.34	ug/l #	100
73) Isopropylbenzene	11.02	105	402894	20.71	ug/l	96
74) N-amyl acetate	6.46	43	176818	19.33	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	130092	19.15	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	146246	25.37	ug/l	84
77) Bromobenzene	11.26	156	107433	20.04	ug/l	100
78) n-propylbenzene	11.36	91	462817	21.26	ug/l	99
79) 2-Chlorotoluene	11.42	91	275662	20.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	330402	20.74	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35798	19.22	ug/l	94
82) 4-Chlorotoluene	11.51	91	320652	20.45	ug/l	99
83) tert-Butylbenzene	11.77	119	325525	20.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	339228	20.56	ug/l	99
85) sec-Butylbenzene	11.94	105	393910	20.96	ug/l	100
86) p-Isopropyltoluene	12.07	119	359294	21.12	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	198481	19.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207067	19.67	ug/l	99
89) n-Butylbenzene	12.39	91	295579	22.05	ug/l	99
90) Hexachloroethane	12.60	117	49893	19.60	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	195302	21.18	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22711	19.02	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	125779	19.95	ug/l	99
94) Hexachlorobutadiene	13.79	225	67142	21.25	ug/l	99
95) Naphthalene	13.83	128	384504	19.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	139390	20.28	ug/l	100

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

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