

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002382.D
 Acq On : 07 Jun 2018 17:14
 Operator : JC/MD
 Sample : VX0607WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2018 1:20:26 PM

Quant Time: Jun 08 02:06:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181021	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149861	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	111432	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
50) Toluene-d8	8.72	98	417555	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
62) 4-Bromofluorobenzene	11.14	95	154296	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	42392	19.195	ug/l	99
3) Chloromethane	1.32	50	50979	18.327	ug/l	98
4) Vinyl Chloride	1.40	62	54284	19.503	ug/l	97
5) Bromomethane	1.64	94	21819	11.267	ug/l	98
6) Chloroethane	1.73	64	41557	23.081	ug/l	98
7) Trichlorofluoromethane	1.93	101	92308	21.766	ug/l	100
8) Diethyl Ether	2.19	74	37429	23.570	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52059	22.748	ug/l	98
10) Methyl Iodide	2.51	142	31898	9.909	ug/l	99
11) Tert butyl alcohol	3.07	59	80134	118.273	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45767	20.236	ug/l	99
13) Acrolein	2.30	56	25181	76.715	ug/l	97
14) Allyl chloride	2.73	41	95928	19.544	ug/l	98
15) Acrylonitrile	3.15	53	160848	119.338	ug/l	100
16) Acetone	2.45	43	170060	120.203	ug/l	98
17) Carbon Disulfide	2.57	76	105160	17.641	ug/l	97
18) Methyl Acetate	2.78	43	78572	24.436	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	192466	23.154	ug/l	100
20) Methylene Chloride	2.86	84	56954	22.172	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49786	19.962	ug/l	98
22) Diisopropyl ether	3.88	45	172115	20.101	ug/l	99
23) Vinyl Acetate	3.83	43	758920	95.381	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90584	18.673	ug/l	100
25) 2-Butanone	4.71	43	212798	102.156	ug/l	99
26) 2,2-Dichloropropane	4.59	77	63958	16.867	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	52736	19.443	ug/l	95
28) Bromochloromethane	5.03	49	46813	20.596	ug/l	99
29) Tetrahydrofuran	5.17	42	134393	100.067	ug/l	99
30) Chloroform	5.22	83	90688	19.373	ug/l	100
31) Cyclohexane	5.58	56	74345	19.381	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	74390	18.739	ug/l	99
36) 1,1-Dichloropropene	5.81	75	60232	18.242	ug/l	98
37) Ethyl Acetate	4.87	43	81284	20.471	ug/l	99
38) Carbon Tetrachloride	5.79	117	62843	18.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75831	18.755	ug/l	98
40) Benzene	6.15	78	195864	19.347	ug/l	97
41) Methacrylonitrile	5.06	41	45760	20.131	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81776	20.331	ug/l	100
43) Isopropyl Acetate	6.47	43	132633	19.666	ug/l	99
44) Trichloroethene	7.22	130	52585	18.715	ug/l	99
45) 1,2-Dichloropropane	7.52	63	53193	19.463	ug/l	97
46) Dibromomethane	7.67	93	36326	19.606	ug/l	99
47) Bromodichloromethane	7.90	83	61935	18.483	ug/l	97
48) Methyl methacrylate	7.78	41	67942	20.055	ug/l	99
49) 1,4-Dioxane	7.76	88	25981	410.165	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	431758	102.799	ug/l	100
52) Toluene	8.79	92	122995	19.102	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	74077	18.434	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	65983	17.404	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	54114	20.434	ug/l	98
56) Ethyl methacrylate	9.18	69	83266	19.694	ug/l	99
57) 1,3-Dichloropropane	9.38	76	89000	20.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	194713	99.502	ug/l	100
59) 2-Hexanone	9.50	43	333666	102.853	ug/l	99
60) Dibromochloromethane	9.59	129	48808	18.323	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56219	20.360	ug/l	99
64) Tetrachloroethene	9.34	164	57069	18.417	ug/l	99
65) Chlorobenzene	10.14	112	142690	19.085	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	50527	18.664	ug/l	99
67) Ethyl Benzene	10.26	91	239556	19.146	ug/l	99
68) m/p-Xylenes	10.37	106	185699	38.180	ug/l	98
69) o-Xylene	10.70	106	91131	18.828	ug/l	100
70) Styrene	10.72	104	149747	18.925	ug/l	100
71) Bromoform	10.86	173	35482	17.080	ug/l #	98
73) Isopropylbenzene	11.02	105	248343	19.721	ug/l	100
74) N-amyl acetate	6.47	43	132633	19.547	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81609	20.605	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	68166m	17.161	ug/l	
77) Bromobenzene	11.26	156	67671	19.142	ug/l	99
78) n-propylbenzene	11.37	91	276556	19.759	ug/l	100
79) 2-Chlorotoluene	11.43	91	164204	18.580	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	208545	19.308	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14067	12.414	ug/l #	84
82) 4-Chlorotoluene	11.51	91	194416	19.058	ug/l	99
83) tert-Butylbenzene	11.77	119	204744	19.466	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	217497	19.562	ug/l	99
85) sec-Butylbenzene	11.95	105	249664	20.248	ug/l	100
86) p-Isopropyltoluene	12.07	119	222988	19.854	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	120413	19.049	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	120499	18.494	ug/l	100
89) n-Butylbenzene	12.39	91	184555	19.593	ug/l	100
90) Hexachloroethane	12.60	117	27593	15.390	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	124549	19.044	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16850	19.455	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86595	18.883	ug/l	99
94) Hexachlorobutadiene	13.79	225	44971	19.845	ug/l	98
95) Naphthalene	13.84	128	268423	20.372	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92355	19.747	ug/l	99

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

