

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007996.D
 Acq On : 12 Mar 2019 05:48
 Operator : JC/SP
 Sample : VX0311WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 3:24:05 PM

Quant Time: Mar 12 09:37:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157147	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	129818	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	5.50	113	115271	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	428246	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.13	95	150448	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	38929	18.478	ug/l 100
3) Chloromethane	1.33	50	51710	19.046	ug/l 100
4) Vinyl Chloride	1.41	62	53430	19.806	ug/l 98
5) Bromomethane	1.64	94	30563	23.546	ug/l 98
6) Chloroethane	1.73	64	34601	19.307	ug/l 97
7) Trichlorofluoromethane	1.93	101	69864	19.892	ug/l 97
8) Diethyl Ether	2.19	74	31143	20.477	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41902	19.252	ug/l 99
10) Methyl Iodide	2.51	142	63316	20.506	ug/l 98
11) Tert butyl alcohol	3.07	59	62675	107.738	ug/l 100
12) 1,1-Dichloroethene	2.38	96	42232	20.130	ug/l 94
13) Acrolein	2.30	56	28650	88.032	ug/l 98
14) Allyl chloride	2.73	41	79865	18.116	ug/l 99
15) Acrylonitrile	3.15	53	146026	99.449	ug/l 100
16) Acetone	2.45	43	120797	80.230	ug/l 98
17) Carbon Disulfide	2.57	76	124216	19.220	ug/l 99
18) Methyl Acetate	2.78	43	67363	21.060	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	148664	20.597	ug/l 99
20) Methylene Chloride	2.86	84	47921	19.998	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	44318	19.198	ug/l 99
22) Diisopropyl ether	3.87	45	159588	19.748	ug/l 99
23) Vinyl Acetate	3.82	43	670940	94.675	ug/l 99
24) 1,1-Dichloroethane	3.70	63	85717	19.710	ug/l 99
25) 2-Butanone	4.70	43	198848	93.286	ug/l 100
26) 2,2-Dichloropropane	4.59	77	38368	13.316	ug/l 95
27) cis-1,2-Dichloroethene	4.60	96	52780	19.980	ug/l 95
28) Bromochloromethane	5.02	49	41871	20.651	ug/l 97
29) Tetrahydrofuran	5.15	42	133029	100.050	ug/l 99
30) Chloroform	5.21	83	83649	20.333	ug/l 99
31) Cyclohexane	5.57	56	75691	18.937	ug/l 99
32) 1,1,1-Trichloroethane	5.50	97	68775	20.149	ug/l 99
36) 1,1-Dichloropropene	5.80	75	62609	18.958	ug/l 99
37) Ethyl Acetate	4.86	43	74469	19.002	ug/l 99
38) Carbon Tetrachloride	5.79	117	60092	19.166	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72063	18.008	ug/l	97
40) Benzene	6.14	78	194987	19.832	ug/l	100
41) Methacrylonitrile	5.06	41	41907	19.613	ug/l	98
42) 1,2-Dichloroethane	6.20	62	63950	19.889	ug/l	100
43) Isopropyl Acetate	6.46	43	113153	19.509	ug/l	99
44) Trichloroethene	7.21	130	54285	20.035	ug/l	96
45) 1,2-Dichloropropane	7.52	63	51971	20.014	ug/l	100
46) Dibromomethane	7.66	93	32716	19.908	ug/l	99
47) Bromodichloromethane	7.90	83	59816	19.198	ug/l	99
48) Methyl methacrylate	7.77	41	59173	19.404	ug/l	98
49) 1,4-Dioxane	7.75	88	25864	412.882	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	379154	101.648	ug/l	99
52) Toluene	8.79	92	121219	20.195	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60011	18.453	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68096	18.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49467	20.358	ug/l	99
56) Ethyl methacrylate	9.18	69	74872	20.522	ug/l	97
57) 1,3-Dichloropropane	9.37	76	82589	20.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	195121	103.391	ug/l	99
59) 2-Hexanone	9.49	43	282168	97.436	ug/l	99
60) Dibromochloromethane	9.58	129	50058	19.709	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51368	19.911	ug/l	99
64) Tetrachloroethene	9.34	164	56136	20.973	ug/l	98
65) Chlorobenzene	10.14	112	132146	19.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	47974	19.805	ug/l	99
67) Ethyl Benzene	10.25	91	219990	19.773	ug/l	99
68) m/p-Xylenes	10.36	106	169187	39.453	ug/l	99
69) o-Xylene	10.69	106	82260	19.869	ug/l	99
70) Styrene	10.71	104	136381	20.130	ug/l	100
71) Bromoform	10.85	173	40129	19.291	ug/l #	100
73) Isopropylbenzene	11.02	105	222133	20.901	ug/l	99
74) N-amyl acetate	10.90	43	96083	19.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	73770	20.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	69366m	21.035	ug/l	
77) Bromobenzene	11.26	156	59198	20.316	ug/l	99
78) n-propylbenzene	11.36	91	242208	20.542	ug/l	99
79) 2-Chlorotoluene	11.42	91	148264	20.566	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	181106	20.704	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17538	17.000	ug/l	94
82) 4-Chlorotoluene	11.51	91	166758	20.185	ug/l	100
83) tert-Butylbenzene	11.77	119	176128	19.989	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	185732	20.712	ug/l	99
85) sec-Butylbenzene	11.94	105	214963	20.714	ug/l	99
86) p-Isopropyltoluene	12.06	119	191586	20.614	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103772	20.130	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	103614	19.627	ug/l	99
89) n-Butylbenzene	12.39	91	152616	19.383	ug/l	99
90) Hexachloroethane	12.60	117	30793	19.817	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	103875	20.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14733	19.229	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	70514	19.600	ug/l	100
94) Hexachlorobutadiene	13.78	225	37808	20.101	ug/l	99
95) Naphthalene	13.83	128	211554	20.409	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71777	20.028	ug/l	100

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

