

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007450.D
 Acq On : 08 Feb 2019 18:49
 Operator : JC/SP
 Sample : VX0208WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:39:36 AM

Quant Time: Feb 08 23:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	454728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	685090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	622027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	319996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	248342	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	5.50	113	223842	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	8.71	98	833394	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	296345	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	109946	19.783	ug/l	98
3) Chloromethane	1.33	50	96388	18.819	ug/l	99
4) Vinyl Chloride	1.41	62	103705	20.639	ug/l	100
5) Bromomethane	1.64	94	84412	16.663	ug/l	97
6) Chloroethane	1.73	64	68436	21.054	ug/l	99
7) Trichlorofluoromethane	1.93	101	159858	20.337	ug/l	100
8) Diethyl Ether	2.19	74	60988	20.614	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90750	19.409	ug/l	99
10) Methyl Iodide	2.51	142	102836	14.951	ug/l	99
11) Tert butyl alcohol	3.07	59	115564	115.696	ug/l	99
12) 1,1-Dichloroethene	2.38	96	87241	20.094	ug/l	99
13) Acrolein	2.30	56	43442	92.747	ug/l	97
14) Allyl chloride	2.73	41	145942	20.630	ug/l	99
15) Acrylonitrile	3.15	53	262241	106.128	ug/l	99
16) Acetone	2.45	43	233126	105.443	ug/l	97
17) Carbon Disulfide	2.57	76	208063	19.670	ug/l	99
18) Methyl Acetate	2.78	43	137872	24.243	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	289144	20.556	ug/l	98
20) Methylene Chloride	2.86	84	98716	21.636	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	89440	19.338	ug/l	92
22) Diisopropyl ether	3.87	45	269217	20.689	ug/l	99
23) Vinyl Acetate	3.82	43	1112641	103.039	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152611	20.422	ug/l	98
25) 2-Butanone	4.70	43	337734	107.339	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104392	18.343	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	100502	19.895	ug/l	99
28) Bromochloromethane	5.02	49	63697	18.535	ug/l	97
29) Tetrahydrofuran	5.15	42	219063	110.701	ug/l	99
30) Chloroform	5.21	83	162632	20.856	ug/l	99
31) Cyclohexane	5.57	56	129243	19.256	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	135276	20.552	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114120	18.565	ug/l	98
37) Ethyl Acetate	4.85	43	125796	20.245	ug/l	98
38) Carbon Tetrachloride	5.78	117	116448	19.527	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	139243	18.723	ug/l	97
40) Benzene	6.14	78	362380	20.013	ug/l	98
41) Methacrylonitrile	5.06	41	67038	20.130	ug/l	97
42) 1,2-Dichloroethane	6.20	62	121163	19.340	ug/l	99
43) Isopropyl Acetate	6.46	43	196965	20.536	ug/l	99
44) Trichloroethene	7.21	130	104373	19.139	ug/l	99
45) 1,2-Dichloropropane	7.52	63	91034	20.066	ug/l	99
46) Dibromomethane	7.66	93	64400	19.531	ug/l	99
47) Bromodichloromethane	7.90	83	110671	19.804	ug/l	98
48) Methyl methacrylate	7.77	41	101739	21.207	ug/l	99
49) 1,4-Dioxane	7.75	88	46822	433.087	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	661563	104.780	ug/l	100
52) Toluene	8.79	92	230904	19.765	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114763	19.119	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	130415	19.757	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95895	19.692	ug/l	97
56) Ethyl methacrylate	9.18	69	138874	20.590	ug/l	96
57) 1,3-Dichloropropane	9.37	76	155078	20.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	347880	97.857	ug/l	99
59) 2-Hexanone	9.49	43	510848	103.975	ug/l	100
60) Dibromochloromethane	9.58	129	94014	20.413	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104393	20.243	ug/l	98
64) Tetrachloroethene	9.33	164	107052	18.260	ug/l	99
65) Chlorobenzene	10.14	112	265377	19.551	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	92315	20.285	ug/l	99
67) Ethyl Benzene	10.25	91	434937	19.897	ug/l	99
68) m/p-Xylenes	10.36	106	335319	38.590	ug/l	99
69) o-Xylene	10.69	106	166255	19.884	ug/l	99
70) Styrene	10.71	104	268226	19.781	ug/l	99
71) Bromoform	10.85	173	69663	20.076	ug/l	98
73) Isopropylbenzene	11.02	105	441093	20.284	ug/l	99
74) N-amyl acetate	10.90	43	173207	20.593	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	146402	22.091	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	134741m	21.648	ug/l	
77) Bromobenzene	11.26	156	120728	19.705	ug/l	99
78) n-propylbenzene	11.36	91	489391	20.524	ug/l	100
79) 2-Chlorotoluene	11.42	91	290412	20.072	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	361818	20.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34426	19.878	ug/l	94
82) 4-Chlorotoluene	11.51	91	333271	19.906	ug/l	100
83) tert-Butylbenzene	11.77	119	364289	20.682	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	371306	20.558	ug/l	99
85) sec-Butylbenzene	11.94	105	439652	20.624	ug/l	99
86) p-Isopropyltoluene	12.06	119	381756	19.838	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	213541	19.420	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	214466	19.225	ug/l	98
89) n-Butylbenzene	12.39	91	321057	19.394	ug/l	99
90) Hexachloroethane	12.60	117	57096	19.825	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	213664	19.525	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28865	20.947	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	141226	19.137	ug/l	99
94) Hexachlorobutadiene	13.78	225	67481	18.831	ug/l	99
95) Naphthalene	13.83	128	446712	20.700	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	142344	19.162	ug/l	99

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

