

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007515.D
 Acq On : 13 Feb 2019 12:31
 Operator : JC/SP
 Sample : VX0214WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 10:48:07 AM

Quant Time: Feb 13 15:00:07 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	5.67	168	449617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	673798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	304607	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	239482	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
35) Dibromofluoromethane	5.50	113	218900	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
50) Toluene-d8	8.71	98	803319	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	279979	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	97628	17.785	ug/l	98
3) Chloromethane	1.33	50	89318	17.637	ug/l	100
4) Vinyl Chloride	1.41	62	97853	19.696	ug/l	99
5) Bromomethane	1.64	94	87187	17.428	ug/l	96
6) Chloroethane	1.73	64	63888	19.879	ug/l	97
7) Trichlorofluoromethane	1.93	101	149687	19.260	ug/l	99
8) Diethyl Ether	2.19	74	57409	19.625	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85863	18.573	ug/l	99
10) Methyl Iodide	2.51	142	111418	16.383	ug/l	98
11) Tert butyl alcohol	3.07	59	111480	112.876	ug/l	100
12) 1,1-Dichloroethene	2.38	96	78967	18.395	ug/l	98
13) Acrolein	2.30	56	41038	88.610	ug/l	98
14) Allyl chloride	2.73	41	141602	20.244	ug/l	99
15) Acrylonitrile	3.15	53	257018	105.197	ug/l	99
16) Acetone	2.45	43	255399	116.830	ug/l	99
17) Carbon Disulfide	2.57	76	193045	18.588	ug/l	99
18) Methyl Acetate	2.78	43	141191	25.087	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	275441	19.805	ug/l	98
20) Methylene Chloride	2.86	84	91748	20.314	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	84602	18.500	ug/l	98
22) Diisopropyl ether	3.87	45	261333	20.311	ug/l	92
23) Vinyl Acetate	3.82	43	1093147	102.384	ug/l	99
24) 1,1-Dichloroethane	3.70	63	151468	20.499	ug/l	98
25) 2-Butanone	4.70	43	353426	113.603	ug/l	99
26) 2,2-Dichloropropane	4.59	77	113999	20.259	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	97124	19.445	ug/l	99
28) Bromochloromethane	5.02	49	66576	19.593	ug/l	98
29) Tetrahydrofuran	5.15	42	219300	112.080	ug/l	99
30) Chloroform	5.21	83	156367	20.280	ug/l	100
31) Cyclohexane	5.57	56	122505	18.460	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	131394	20.189	ug/l	100
36) 1,1-Dichloropropene	5.80	75	110542	18.285	ug/l	99
37) Ethyl Acetate	4.85	43	123499	20.208	ug/l	98
38) Carbon Tetrachloride	5.78	117	117192	19.981	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132044	18.052	ug/l	97
40) Benzene	6.14	78	346564	19.461	ug/l	98
41) Methacrylonitrile	5.06	41	70690	21.582	ug/l	97
42) 1,2-Dichloroethane	6.20	62	120440	19.547	ug/l	98
43) Isopropyl Acetate	6.46	43	194159	20.583	ug/l	100
44) Trichloroethene	7.21	130	101308	18.888	ug/l	97
45) 1,2-Dichloropropane	7.51	63	87568	19.625	ug/l	98
46) Dibromomethane	7.66	93	61803	19.057	ug/l	98
47) Bromodichloromethane	7.90	83	110037	20.021	ug/l	99
48) Methyl methacrylate	7.77	41	98849	20.950	ug/l	99
49) 1,4-Dioxane	7.75	88	47698	448.337	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	662957	106.761	ug/l	100
52) Toluene	8.78	92	220611	19.201	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	113536	19.232	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	130071	20.035	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	94465	19.724	ug/l	99
56) Ethyl methacrylate	9.18	69	133171	20.076	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148242	19.463	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	357001	102.106	ug/l	98
59) 2-Hexanone	9.49	43	512822	106.126	ug/l	100
60) Dibromochloromethane	9.58	129	93506	20.643	ug/l	100
61) 1,2-Dibromoethane	9.67	107	101678	20.047	ug/l	100
64) Tetrachloroethene	9.34	164	96459	16.764	ug/l	97
65) Chlorobenzene	10.14	112	254558	19.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92180	20.638	ug/l	98
67) Ethyl Benzene	10.25	91	405907	18.920	ug/l	97
68) m/p-Xylenes	10.36	106	324411	38.041	ug/l	99
69) o-Xylene	10.69	106	158558	19.322	ug/l	100
70) Styrene	10.71	104	258343	19.412	ug/l	99
71) Bromoform	10.85	173	69112	20.250	ug/l	98
73) Isopropylbenzene	11.02	105	420144	20.297	ug/l	98
74) N-amyl acetate	10.90	43	167649	20.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	141386	22.412	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	130724m	22.063	ug/l	
77) Bromobenzene	11.26	156	115953	19.881	ug/l	99
78) n-propylbenzene	11.36	91	461515	20.332	ug/l	100
79) 2-Chlorotoluene	11.42	91	275973	20.037	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	343263	20.270	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35666	21.261	ug/l	95
82) 4-Chlorotoluene	11.51	91	314058	19.706	ug/l	99
83) tert-Butylbenzene	11.77	119	342092	20.403	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	350481	20.385	ug/l	99
85) sec-Butylbenzene	11.94	105	415165	20.459	ug/l	100
86) p-Isopropyltoluene	12.06	119	365481	19.952	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	203281	19.421	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	202629	19.081	ug/l	99
89) n-Butylbenzene	12.39	91	300684	19.081	ug/l	99
90) Hexachloroethane	12.60	117	58170	21.218	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	204791	19.660	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28001	21.347	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132672	18.886	ug/l	97
94) Hexachlorobutadiene	13.78	225	64838	19.008	ug/l	99
95) Naphthalene	13.83	128	413951	20.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132618	18.755	ug/l	98

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

