

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021419\
 Data File : VX007512.D
 Acq On : 13 Feb 2019 10:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 10:48:01 AM

Quant Time: Feb 13 14:57:11 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	476693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	691685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	314462	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	250634	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	5.50	113	234773	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	8.71	98	827829	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	297153	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	260121	44.426	ug/l	97
3) Chloromethane	1.33	50	218022	40.606	ug/l	98
4) Vinyl Chloride	1.41	62	244063	46.334	ug/l	98
5) Bromomethane	1.64	94	220908	42.339	ug/l	99
6) Chloroethane	1.72	64	152404	44.727	ug/l	100
7) Trichlorofluoromethane	1.93	101	382376	46.405	ug/l	99
8) Diethyl Ether	2.19	74	142981	46.102	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	227435	46.402	ug/l	99
10) Methyl Iodide	2.51	142	301537	41.820	ug/l	100
11) Tert butyl alcohol	3.06	59	250737	239.456	ug/l	97
12) 1,1-Dichloroethene	2.37	96	203681	44.751	ug/l	97
13) Acrolein	2.29	56	119077	242.510	ug/l	98
14) Allyl chloride	2.73	41	350276	47.232	ug/l	99
15) Acrylonitrile	3.15	53	623479	240.694	ug/l	99
16) Acetone	2.45	43	666742	287.672	ug/l	99
17) Carbon Disulfide	2.57	76	503474	42.629	ug/l	100
18) Methyl Acetate	2.78	43	334552	55.336	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	687238	46.607	ug/l	98
20) Methylene Chloride	2.86	84	223657	47.222	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	214987	44.341	ug/l	99
22) Diisopropyl ether	3.87	45	683601	50.113	ug/l	98
23) Vinyl Acetate	3.82	43	2950870	260.681	ug/l	100
24) 1,1-Dichloroethane	3.70	63	386240	49.304	ug/l	100
25) 2-Butanone	4.70	43	886382	268.731	ug/l	100
26) 2,2-Dichloropropane	4.58	77	299610	50.220	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	245177	46.297	ug/l	99
28) Bromochloromethane	5.01	49	177485	49.267	ug/l	99
29) Tetrahydrofuran	5.15	42	537650	259.175	ug/l	99
30) Chloroform	5.21	83	402453	49.232	ug/l	100
31) Cyclohexane	5.57	56	330767	47.011	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	345877	50.126	ug/l	99
36) 1,1-Dichloropropene	5.79	75	287494	46.325	ug/l	100
37) Ethyl Acetate	4.85	43	310216	49.448	ug/l	99
38) Carbon Tetrachloride	5.78	117	309792	51.453	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	365301	48.650	ug/l	98
40) Benzene	6.14	78	879190	48.093	ug/l	99
41) Methacrylonitrile	5.06	41	173997	51.749	ug/l	98
42) 1,2-Dichloroethane	6.20	62	302258	47.786	ug/l	99
43) Isopropyl Acetate	6.46	43	491226	50.729	ug/l	99
44) Trichloroethene	7.21	130	260641	47.338	ug/l	98
45) 1,2-Dichloropropane	7.51	63	220795	48.204	ug/l	98
46) Dibromomethane	7.66	93	160923	48.339	ug/l	97
47) Bromodichloromethane	7.90	83	292873	51.909	ug/l	100
48) Methyl methacrylate	7.77	41	249254	51.461	ug/l	98
49) 1,4-Dioxane	7.74	88	110203	1000.463	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1608449	252.322	ug/l	100
52) Toluene	8.78	92	557535	47.269	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	316149	52.167	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	349739	52.477	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	238552	48.520	ug/l	96
56) Ethyl methacrylate	9.18	69	338500	49.710	ug/l	98
57) 1,3-Dichloropropane	9.37	76	376530	48.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	902603	251.478	ug/l	100
59) 2-Hexanone	9.49	43	1246907	251.368	ug/l	98
60) Dibromochloromethane	9.58	129	254575	54.748	ug/l	97
61) 1,2-Dibromoethane	9.67	107	257846	49.522	ug/l	99
64) Tetrachloroethene	9.34	164	258346	44.110	ug/l	99
65) Chlorobenzene	10.13	112	640826	47.258	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	237406	52.219	ug/l	99
67) Ethyl Benzene	10.25	91	1055655	48.342	ug/l	98
68) m/p-Xylenes	10.36	106	823860	94.909	ug/l	99
69) o-Xylene	10.69	106	405196	48.510	ug/l	100
70) Styrene	10.71	104	661070	48.801	ug/l	100
71) Bromoform	10.85	173	190970	48.062	ug/l	100
73) Isopropylbenzene	11.02	105	1089191	50.970	ug/l	99
74) N-amyl acetate	10.90	43	428162	51.801	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	340038	52.213	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	285771m	46.720	ug/l	
77) Bromobenzene	11.26	156	289295	48.048	ug/l	98
78) n-propylbenzene	11.36	91	1223704	52.222	ug/l	99
79) 2-Chlorotoluene	11.42	91	703349	49.467	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	891842	51.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	101699	51.273	ug/l	95
82) 4-Chlorotoluene	11.51	91	823494	50.053	ug/l	100
83) tert-Butylbenzene	11.77	119	894937	51.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	915332	51.571	ug/l	100
85) sec-Butylbenzene	11.94	105	1093038	52.175	ug/l	100
86) p-Isopropyltoluene	12.06	119	991299	52.419	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	527669	48.833	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	527778	48.143	ug/l	99
89) n-Butylbenzene	12.38	91	855964	52.617	ug/l	99
90) Hexachloroethane	12.60	117	164718	58.199	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	522352	48.575	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74412	54.951	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	359970	49.637	ug/l	99
94) Hexachlorobutadiene	13.78	225	173375	49.234	ug/l	99
95) Naphthalene	13.83	128	1109254	52.305	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	362275	49.627	ug/l	99

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

