

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008376.D
 Acq On : 24 Mar 2019 01:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:09:29 AM

Quant Time: Mar 25 09:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	145583	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	5.50	113	107435	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	430548	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	158925	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	106486	47.638	ug/l	100
3) Chloromethane	1.32	50	159477	48.127	ug/l	98
4) Vinyl Chloride	1.40	62	156808	48.485	ug/l	99
5) Bromomethane	1.64	94	99431	48.822	ug/l	100
6) Chloroethane	1.71	64	92721	48.951	ug/l	99
7) Trichlorofluoromethane	1.92	101	174342	47.402	ug/l	98
8) Diethyl Ether	2.18	74	84214	47.820	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101406	46.543	ug/l	88
10) Methyl Iodide	2.51	142	141983	51.366	ug/l	98
11) Tert butyl alcohol	3.05	59	173148	258.118	ug/l	100
12) 1,1-Dichloroethene	2.37	96	108729	48.346	ug/l	91
13) Acrolein	2.29	56	130312	227.332	ug/l	99
14) Allyl chloride	2.73	41	239273	48.092	ug/l	95
15) Acrylonitrile	3.14	53	425810	247.876	ug/l	99
16) Acetone	2.45	43	364663	242.247	ug/l	97
17) Carbon Disulfide	2.57	76	330376	45.940	ug/l	100
18) Methyl Acetate	2.77	43	181957	48.291	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	401412	49.556	ug/l	98
20) Methylene Chloride	2.85	84	130556	48.177	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	114970	47.211	ug/l	90
22) Diisopropyl ether	3.85	45	484079	49.971	ug/l #	85
23) Vinyl Acetate	3.81	43	2166638	253.319	ug/l	97
24) 1,1-Dichloroethane	3.70	63	241425	48.881	ug/l	98
25) 2-Butanone	4.67	43	614276	247.822	ug/l	97
26) 2,2-Dichloropropane	4.59	77	125113	39.318	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	134556	48.242	ug/l	93
28) Bromochloromethane	5.01	49	119647	48.526	ug/l #	78
29) Tetrahydrofuran	5.13	42	408721	248.338	ug/l	96
30) Chloroform	5.21	83	219149	49.214	ug/l	100
31) Cyclohexane	5.58	56	225239	47.558	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	175306	49.760	ug/l	96
36) 1,1-Dichloropropene	5.80	75	170160	48.186	ug/l	96
37) Ethyl Acetate	4.84	43	237675	49.730	ug/l	97
38) Carbon Tetrachloride	5.78	117	145381	48.027	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197296	45.581	ug/l	92
40) Benzene	6.14	78	520278	48.378	ug/l	99
41) Methacrylonitrile	5.04	41	132567	50.889	ug/l	97
42) 1,2-Dichloroethane	6.19	62	186692	47.836	ug/l	96
43) Isopropyl Acetate	6.45	43	373801	50.227	ug/l	97
44) Trichloroethene	7.21	130	118069	47.276	ug/l	88
45) 1,2-Dichloropropane	7.51	63	149296	49.037	ug/l	100
46) Dibromomethane	7.66	93	85369	47.249	ug/l #	85
47) Bromodichloromethane	7.90	83	168169	48.797	ug/l	97
48) Methyl methacrylate	7.77	41	189395	50.434	ug/l	93
49) 1,4-Dioxane	7.74	88	75561	997.282	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1233243	252.563	ug/l	97
52) Toluene	8.79	92	311125	49.337	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	185204	49.983	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	206683	49.198	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	126587	48.327	ug/l	98
56) Ethyl methacrylate	9.18	69	239306	51.605	ug/l	91
57) 1,3-Dichloropropane	9.37	76	227503	48.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	621886	248.726	ug/l	92
59) 2-Hexanone	9.49	43	972744	259.509	ug/l	96
60) Dibromochloromethane	9.58	129	123625	50.847	ug/l	98
61) 1,2-Dibromoethane	9.67	107	132049	49.673	ug/l	98
64) Tetrachloroethene	9.34	164	97944	48.031	ug/l	95
65) Chlorobenzene	10.13	112	314846	48.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	112418	49.569	ug/l	98
67) Ethyl Benzene	10.25	91	596172	48.685	ug/l	97
68) m/p-Xylenes	10.36	106	434261	98.700	ug/l	92
69) o-Xylene	10.69	106	212938	49.494	ug/l	94
70) Styrene	10.71	104	375287	50.298	ug/l	97
71) Bromoform	10.85	173	88992	50.938	ug/l #	99
73) Isopropylbenzene	11.02	105	561947	48.488	ug/l	97
74) N-amyl acetate	10.90	43	353369	52.079	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	223358	48.385	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186959m	48.638	ug/l	
77) Bromobenzene	11.26	156	132732	48.403	ug/l	80
78) n-propylbenzene	11.36	91	659318	48.539	ug/l	95
79) 2-Chlorotoluene	11.42	91	393474	47.555	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	474825	48.162	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	65625	48.653	ug/l	93
82) 4-Chlorotoluene	11.51	91	453758	47.594	ug/l	94
83) tert-Butylbenzene	11.77	119	449114	47.838	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	480600	48.849	ug/l	97
85) sec-Butylbenzene	11.94	105	541714	48.145	ug/l	95
86) p-Isopropyltoluene	12.06	119	483326	48.734	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	236198	47.958	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	237550	47.403	ug/l	97
89) n-Butylbenzene	12.38	91	450276	47.558	ug/l	97
90) Hexachloroethane	12.60	117	80773	49.306	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	244208	48.959	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51358	52.199	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	164550	48.920	ug/l	98
94) Hexachlorobutadiene	13.78	225	75943	47.774	ug/l	99
95) Naphthalene	13.83	128	590418	49.985	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	168058	49.514	ug/l	99

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

