

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040619\
 Data File : VX008734.D
 Acq On : 06 Apr 2019 20:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:37:43 PM

Quant Time: Apr 08 04:45:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127069	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
35) Dibromofluoromethane	5.50	113	93617	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
50) Toluene-d8	8.71	98	373628	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	131809	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	86156	41.304	ug/l	100
3) Chloromethane	1.32	50	122073	47.674	ug/l	100
4) Vinyl Chloride	1.40	62	122925	43.594	ug/l	98
5) Bromomethane	1.64	94	59494	43.101	ug/l	100
6) Chloroethane	1.71	64	76032	49.332	ug/l	98
7) Trichlorofluoromethane	1.92	101	138546	44.448	ug/l	99
8) Diethyl Ether	2.19	74	67624	45.749	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85002	42.356	ug/l	99
10) Methyl Iodide	2.51	142	84576	46.572	ug/l	99
11) Tert butyl alcohol	3.06	59	147798	238.853	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92084	43.955	ug/l	98
13) Acrolein	2.29	56	120592	393.032	ug/l	100
14) Allyl chloride	2.72	41	215712	44.978	ug/l	98
15) Acrylonitrile	3.15	53	385103	234.925	ug/l	100
16) Acetone	2.45	43	327645	215.224	ug/l	99
17) Carbon Disulfide	2.56	76	262794	43.341	ug/l	100
18) Methyl Acetate	2.78	43	176158	47.712	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	353764	47.284	ug/l	100
20) Methylene Chloride	2.85	84	111619	43.803	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	99588	43.948	ug/l	95
22) Diisopropyl ether	3.86	45	433079	46.851	ug/l	97
23) Vinyl Acetate	3.81	43	1914321	238.057	ug/l	99
24) 1,1-Dichloroethane	3.70	63	210595	46.015	ug/l	99
25) 2-Butanone	4.68	43	572717	238.026	ug/l	100
26) 2,2-Dichloropropane	4.58	77	124056	38.486	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	117338	45.037	ug/l	98
28) Bromochloromethane	5.01	49	103956	54.659	ug/l	100
29) Tetrahydrofuran	5.13	42	381903	239.139	ug/l	99
30) Chloroform	5.21	83	189390	46.331	ug/l	99
31) Cyclohexane	5.58	56	195475	42.804	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	154831	46.872	ug/l	99
36) 1,1-Dichloropropene	5.80	75	144575	43.099	ug/l	100
37) Ethyl Acetate	4.84	43	215081	48.035	ug/l	100
38) Carbon Tetrachloride	5.79	117	125741	45.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167734	40.477	ug/l	99
40) Benzene	6.14	78	452308	45.260	ug/l	99
41) Methacrylonitrile	5.04	41	120617	46.864	ug/l	99
42) 1,2-Dichloroethane	6.20	62	161633	45.115	ug/l	100
43) Isopropyl Acetate	6.45	43	339251	48.367	ug/l	100
44) Trichloroethene	7.21	130	104406	44.857	ug/l	99
45) 1,2-Dichloropropane	7.51	63	129458	45.386	ug/l	100
46) Dibromomethane	7.66	93	73781	44.599	ug/l	100
47) Bromodichloromethane	7.90	83	146073	46.830	ug/l	99
48) Methyl methacrylate	7.77	41	170526	48.061	ug/l	100
49) 1,4-Dioxane	7.74	88	62514	940.541	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1087842	240.926	ug/l	100
52) Toluene	8.79	92	270147	45.852	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	164521	47.086	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	183314	45.915	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	110810	46.855	ug/l	98
56) Ethyl methacrylate	9.18	69	205850	48.107	ug/l	100
57) 1,3-Dichloropropane	9.37	76	197287	46.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	533418	244.135	ug/l	99
59) 2-Hexanone	9.49	43	820458	233.814	ug/l	100
60) Dibromochloromethane	9.58	129	107218	48.111	ug/l	97
61) 1,2-Dibromoethane	9.67	107	113554	46.122	ug/l	97
64) Tetrachloroethene	9.34	164	91652	45.490	ug/l	98
65) Chlorobenzene	10.14	112	274181	45.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	99255	46.935	ug/l	99
67) Ethyl Benzene	10.25	91	512538	45.598	ug/l	100
68) m/p-Xylenes	10.36	106	368130	91.088	ug/l	99
69) o-Xylene	10.69	106	180554	46.099	ug/l	99
70) Styrene	10.71	104	316275	46.846	ug/l	99
71) Bromoform	10.85	173	78087	48.347	ug/l #	98
73) Isopropylbenzene	11.02	105	476616	46.744	ug/l	100
74) N-amyl acetate	10.90	43	283215	47.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	175165	45.172	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	152589m	45.147	ug/l	
77) Bromobenzene	11.26	156	114024	46.518	ug/l	98
78) n-propylbenzene	11.36	91	547800	46.142	ug/l	100
79) 2-Chlorotoluene	11.42	91	329527	45.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	398868	46.603	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56451	46.040	ug/l	98
82) 4-Chlorotoluene	11.51	91	372237	44.760	ug/l	99
83) tert-Butylbenzene	11.77	119	379138	46.044	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	401184	46.292	ug/l	100
85) sec-Butylbenzene	11.94	105	450103	46.019	ug/l	100
86) p-Isopropyltoluene	12.06	119	409214	46.614	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195979	44.661	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	196795	44.288	ug/l	99
89) n-Butylbenzene	12.38	91	371279	45.097	ug/l	100
90) Hexachloroethane	12.60	117	69063	47.432	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	197462	45.322	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39884	46.755	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135516	44.735	ug/l	99
94) Hexachlorobutadiene	13.78	225	64390	44.321	ug/l	99
95) Naphthalene	13.83	128	475584	46.973	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136907	45.233	ug/l	99

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

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