

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014442.D
 Acq On : 06 Jan 2020 20:58
 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

apatel
 1/7/2020 9:09:32 AM

Quant Time: Jan 07 06:49:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	488498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	744784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	665698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	282762	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	5.49	113	237902	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	8.71	98	901996	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.13	95	325127	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	164297	37.594	ug/l	98
3) Chloromethane	1.32	50	228155	38.902	ug/l	99
4) Vinyl Chloride	1.40	62	248408	40.140	ug/l	99
5) Bromomethane	1.63	94	200096	45.556	ug/l	98
6) Chloroethane	1.72	64	168413	44.093	ug/l	91
7) Trichlorofluoromethane	1.92	101	352401	46.000	ug/l	100
8) Diethyl Ether	2.18	74	163696	45.529	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210520	45.587	ug/l	98
10) Methyl Iodide	2.50	142	310733	50.970	ug/l	98
11) Tert butyl alcohol	3.03	59	306711	256.383	ug/l	99
12) 1,1-Dichloroethene	2.37	96	207486	44.155	ug/l	98
13) Acrolein	2.28	56	163233	238.366	ug/l	99
14) Allyl chloride	2.72	41	382821	45.628	ug/l	99
15) Acrylonitrile	3.13	53	696813	249.553	ug/l	99
16) Acetone	2.43	43	643047	178.905	ug/l	100
17) Carbon Disulfide	2.56	76	464017	35.786	ug/l	100
18) Methyl Acetate	2.76	43	377002	52.932	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	785504	50.871	ug/l	98
20) Methylene Chloride	2.85	84	246694	43.585	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	221881	42.860	ug/l	99
22) Diisopropyl ether	3.84	45	808716	48.371	ug/l	96
23) Vinyl Acetate	3.80	43	2677144	196.217	ug/l	100
24) 1,1-Dichloroethane	3.69	63	431787	46.419	ug/l	99
25) 2-Butanone	4.65	43	989680	223.333	ug/l	99
26) 2,2-Dichloropropane	4.58	77	337388	46.716	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	277411	47.382	ug/l	99
28) Bromochloromethane	5.00	49	180885	50.559	ug/l	97
29) Tetrahydrofuran	5.11	42	623239	251.448	ug/l	99
30) Chloroform	5.20	83	435094	49.342	ug/l	97
31) Cyclohexane	5.58	56	361651	43.714	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	363916	48.423	ug/l	98
36) 1,1-Dichloropropene	5.79	75	300339	43.949	ug/l	99
37) Ethyl Acetate	4.82	43	379746	50.321	ug/l	99
38) Carbon Tetrachloride	5.78	117	302381	48.571	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	365530	43.319	ug/l	99
40) Benzene	6.14	78	967002	45.989	ug/l	99
41) Methacrylonitrile	5.03	41	212218	50.683	ug/l	99
42) 1,2-Dichloroethane	6.18	62	342393	48.038	ug/l	99
43) Isopropyl Acetate	6.43	43	634915	50.838	ug/l	100
44) Trichloroethene	7.21	130	284894	49.054	ug/l	98
45) 1,2-Dichloropropane	7.51	63	257242	47.731	ug/l	98
46) Dibromomethane	7.65	93	165444	46.432	ug/l	97
47) Bromodichloromethane	7.89	83	334002	49.771	ug/l	99
48) Methyl methacrylate	7.76	41	305573	49.967	ug/l	99
49) 1,4-Dioxane	7.73	88	114864	922.954	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1953312	249.041	ug/l	100
52) Toluene	8.78	92	613268	46.144	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	378995	51.505	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	413796	50.477	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	264716	49.696	ug/l	97
56) Ethyl methacrylate	9.17	69	425783	50.887	ug/l	99
57) 1,3-Dichloropropane	9.37	76	435211	48.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	835186	263.758	ug/l	97
59) 2-Hexanone	9.48	43	1503805	238.174	ug/l	100
60) Dibromochloromethane	9.57	129	279678	52.822	ug/l	100
61) 1,2-Dibromoethane	9.67	107	271073	49.738	ug/l	100
64) Tetrachloroethene	9.33	164	389764	66.167	ug/l	96
65) Chlorobenzene	10.14	112	675994	47.759	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	255470	50.549	ug/l	98
67) Ethyl Benzene	10.25	91	1185767	48.727	ug/l	100
68) m/p-Xylenes	10.35	106	895235	95.650	ug/l	100
69) o-Xylene	10.70	106	442823	48.241	ug/l	99
70) Styrene	10.71	104	755999	48.705	ug/l	99
71) Bromoform	10.85	173	218173	53.704	ug/l	100
73) Isopropylbenzene	11.01	105	1173497	48.776	ug/l	99
74) N-amyl acetate	10.89	43	554674	49.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	369809	44.336	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	334583m	45.101	ug/l	
77) Bromobenzene	11.25	156	313200	47.315	ug/l	97
78) n-propylbenzene	11.35	91	1312327	48.629	ug/l	99
79) 2-Chlorotoluene	11.42	91	784582	47.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	982036	48.500	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138248	52.599	ug/l	98
82) 4-Chlorotoluene	11.51	91	894897	47.029	ug/l	99
83) tert-Butylbenzene	11.76	119	859326	43.610	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	987062	48.678	ug/l	100
85) sec-Butylbenzene	11.94	105	1140230	49.017	ug/l	100
86) p-Isopropyltoluene	12.06	119	1043950	49.061	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	541988	46.717	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	542622	45.999	ug/l	100
89) n-Butylbenzene	12.38	91	900053	49.572	ug/l	99
90) Hexachloroethane	12.59	117	187944	49.174	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	555499	47.565	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	88119	47.740	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	382139	50.343	ug/l	98
94) Hexachlorobutadiene	13.78	225	178983	49.063	ug/l	98
95) Naphthalene	13.83	128	1210502	54.278	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	389458	51.976	ug/l	99

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

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