

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013835.D
 Acq On : 07 Dec 2019 05:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:28 AM

Quant Time: Dec 07 06:13:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	598370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	918452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	829030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	416545	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	326315	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	5.48	113	264612	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	8.71	98	1036328	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.13	95	378305	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	312099	46.860	ug/l	100
3) Chloromethane	1.32	50	343832	46.009	ug/l	99
4) Vinyl Chloride	1.40	62	413646	49.177	ug/l	100
5) Bromomethane	1.63	94	258327	45.731	ug/l	97
6) Chloroethane	1.71	64	227055	47.437	ug/l	97
7) Trichlorofluoromethane	1.92	101	448140	47.981	ug/l	98
8) Diethyl Ether	2.18	74	209447	49.568	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	278093	48.746	ug/l	99
10) Methyl Iodide	2.50	142	350369	50.770	ug/l	99
11) Tert butyl alcohol	3.03	59	359985	209.974	ug/l	100
12) 1,1-Dichloroethene	2.36	96	275833	48.439	ug/l	98
13) Acrolein	2.28	56	264963	231.548	ug/l	98
14) Allyl chloride	2.72	41	471710	45.646	ug/l	100
15) Acrylonitrile	3.13	53	852603	240.924	ug/l	99
16) Acetone	2.43	43	914422	266.658	ug/l	99
17) Carbon Disulfide	2.56	76	709109	43.682	ug/l	100
18) Methyl Acetate	2.76	43	530345	55.539	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	934140	49.518	ug/l	99
20) Methylene Chloride	2.85	84	315778	47.932	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	292414	47.137	ug/l	99
22) Diisopropyl ether	3.84	45	984634	49.482	ug/l	91
23) Vinyl Acetate	3.81	43	1427003	86.205	ug/l	99
24) 1,1-Dichloroethane	3.69	63	543324	49.947	ug/l	99
25) 2-Butanone	4.66	43	1264240	248.064	ug/l	100
26) 2,2-Dichloropropane	4.57	77	294638	32.737	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	342778	48.115	ug/l	96
28) Bromochloromethane	5.01	49	230407	53.600	ug/l	98
29) Tetrahydrofuran	5.11	42	762722	242.767	ug/l	100
30) Chloroform	5.20	83	527190	47.788	ug/l	99
31) Cyclohexane	5.57	56	486188	47.386	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	448395	48.638	ug/l	99
36) 1,1-Dichloropropene	5.79	75	398169	47.758	ug/l	99
37) Ethyl Acetate	4.82	43	441578	47.212	ug/l	100
38) Carbon Tetrachloride	5.78	117	385660	50.166	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	480901	46.664	ug/l	97
40) Benzene	6.14	78	1232994	48.557	ug/l	98
41) Methacrylonitrile	5.03	41	259302	50.552	ug/l	99
42) 1,2-Dichloroethane	6.18	62	423138	48.862	ug/l	99
43) Isopropyl Acetate	6.43	43	747085	48.518	ug/l	99
44) Trichloroethene	7.21	130	382962	54.953	ug/l	99
45) 1,2-Dichloropropane	7.51	63	321613	50.623	ug/l	99
46) Dibromomethane	7.65	93	205675	47.666	ug/l	98
47) Bromodichloromethane	7.89	83	413429	50.683	ug/l	97
48) Methyl methacrylate	7.76	41	370050	49.461	ug/l	98
49) 1,4-Dioxane	7.73	88	139071	830.437	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2376574	245.366	ug/l	100
52) Toluene	8.78	92	768661	48.727	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	430747	46.393	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	480469	47.366	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	319384	50.242	ug/l	98
56) Ethyl methacrylate	9.17	69	508480	49.752	ug/l	99
57) 1,3-Dichloropropane	9.37	76	533858	48.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	946358	236.167	ug/l	100
59) 2-Hexanone	9.49	43	1843906	244.090	ug/l	99
60) Dibromochloromethane	9.58	129	336149	50.953	ug/l	99
61) 1,2-Dibromoethane	9.67	107	327504	48.237	ug/l	100
64) Tetrachloroethene	9.33	164	496363	80.286	ug/l	98
65) Chlorobenzene	10.14	112	827291	48.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	310174	50.183	ug/l	99
67) Ethyl Benzene	10.24	91	1447714	48.946	ug/l	97
68) m/p-Xylenes	10.35	106	1120499	98.950	ug/l	98
69) o-Xylene	10.70	106	547246	49.551	ug/l	99
70) Styrene	10.71	104	929676	50.041	ug/l	100
71) Bromoform	10.85	173	255316	49.924	ug/l #	100
73) Isopropylbenzene	11.01	105	1435147	49.117	ug/l	100
74) N-amyl acetate	10.89	43	645622	48.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	401992	39.672	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	449328m	47.960	ug/l	
77) Bromobenzene	11.25	156	377544	47.829	ug/l	99
78) n-propylbenzene	11.35	91	1617058	49.576	ug/l	100
79) 2-Chlorotoluene	11.42	91	952888	48.701	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1190003	49.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	142661	41.659	ug/l	99
82) 4-Chlorotoluene	11.51	91	1098458	48.471	ug/l	99
83) tert-Butylbenzene	11.76	119	1021387	41.967	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	1194492	49.147	ug/l	100
85) sec-Butylbenzene	11.94	105	1394237	50.154	ug/l	100
86) p-Isopropyltoluene	12.06	119	1271326	49.159	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	659211	47.908	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	650141	46.388	ug/l	99
89) n-Butylbenzene	12.38	91	1070056	48.513	ug/l	99
90) Hexachloroethane	12.59	117	227811	48.735	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	658079	48.405	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	103580	46.941	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	439452	46.381	ug/l	98
94) Hexachlorobutadiene	13.77	225	202947	44.588	ug/l	99
95) Naphthalene	13.83	128	1378778	48.864	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	448310	47.787	ug/l	99

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

