

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122319\
 Data File : VX014230.D
 Acq On : 24 Dec 2019 03:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/24/2019 11:03:06 AM

Quant Time: Dec 24 04:35:17 2019
 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	511742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	797567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	288986	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	5.49	113	236324	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	8.71	98	937451	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	334894	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	200479	43.790	ug/l	98
3) Chloromethane	1.32	50	277112	45.103	ug/l	100
4) Vinyl Chloride	1.40	62	302265	46.624	ug/l	100
5) Bromomethane	1.63	94	185319	40.275	ug/l	95
6) Chloroethane	1.72	64	193943	48.471	ug/l	96
7) Trichlorofluoromethane	1.92	101	385799	48.072	ug/l	97
8) Diethyl Ether	2.18	74	181636	48.224	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	231658	47.886	ug/l	98
10) Methyl Iodide	2.50	142	289370	45.601	ug/l	98
11) Tert butyl alcohol	3.03	59	300239	239.574	ug/l	98
12) 1,1-Dichloroethene	2.37	96	232779	47.288	ug/l	95
13) Acrolein	2.28	56	166138	231.589	ug/l	97
14) Allyl chloride	2.72	41	426534	48.529	ug/l	99
15) Acrylonitrile	3.13	53	752780	257.351	ug/l	100
16) Acetone	2.43	43	808174	214.633	ug/l	99
17) Carbon Disulfide	2.56	76	600253	44.014	ug/l	100
18) Methyl Acetate	2.76	43	415120	55.637	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	814824	50.373	ug/l	97
20) Methylene Chloride	2.85	84	275767	46.508	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	258162	47.603	ug/l	100
22) Diisopropyl ether	3.84	45	877307	50.090	ug/l	90
23) Vinyl Acetate	3.80	43	2025540	141.716	ug/l	99
24) 1,1-Dichloroethane	3.69	63	479422	49.199	ug/l	100
25) 2-Butanone	4.65	43	1126551	242.673	ug/l	98
26) 2,2-Dichloropropane	4.58	77	292370	38.644	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	304917	49.714	ug/l	95
28) Bromochloromethane	5.00	49	200500	53.469	ug/l	99
29) Tetrahydrofuran	5.11	42	674557	259.791	ug/l	100
30) Chloroform	5.20	83	467034	50.558	ug/l	99
31) Cyclohexane	5.57	56	416519	48.059	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	385357	48.947	ug/l	100
36) 1,1-Dichloropropene	5.79	75	350699	47.922	ug/l	99
37) Ethyl Acetate	4.82	43	402633	49.823	ug/l	99
38) Carbon Tetrachloride	5.78	117	328564	49.284	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	410743	45.456	ug/l	99
40) Benzene	6.14	78	1092759	48.530	ug/l	99
41) Methacrylonitrile	5.03	41	227703	50.782	ug/l	98
42) 1,2-Dichloroethane	6.19	62	369127	48.361	ug/l	100
43) Isopropyl Acetate	6.43	43	671873	50.237	ug/l	99
44) Trichloroethene	7.21	130	321473	51.689	ug/l	96
45) 1,2-Dichloropropane	7.51	63	281795	48.827	ug/l	98
46) Dibromomethane	7.65	93	183804	48.170	ug/l	98
47) Bromodichloromethane	7.89	83	360204	50.124	ug/l	97
48) Methyl methacrylate	7.76	41	328979	50.234	ug/l	99
49) 1,4-Dioxane	7.73	88	127585	957.324	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2114089	251.702	ug/l	99
52) Toluene	8.78	92	684014	48.061	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	387369	49.159	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	428830	48.849	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	278953	48.903	ug/l	99
56) Ethyl methacrylate	9.17	69	453925	50.660	ug/l	100
57) 1,3-Dichloropropane	9.37	76	472879	49.272	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	891859	263.016	ug/l	100
59) 2-Hexanone	9.48	43	1654285	244.667	ug/l	100
60) Dibromochloromethane	9.57	129	290034	51.153	ug/l	100
61) 1,2-Dibromoethane	9.67	107	291488	49.944	ug/l	99
64) Tetrachloroethene	9.33	164	435338	68.053	ug/l	99
65) Chlorobenzene	10.14	112	729949	47.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	274474	50.010	ug/l	99
67) Ethyl Benzene	10.25	91	1295366	49.017	ug/l	99
68) m/p-Xylenes	10.36	106	983505	96.763	ug/l	100
69) o-Xylene	10.70	106	477044	47.855	ug/l	99
70) Styrene	10.71	104	826645	49.040	ug/l	99
71) Bromoform	10.85	173	221691	50.250	ug/l	100
73) Isopropylbenzene	11.01	105	1268177	49.799	ug/l	100
74) N-amyl acetate	10.89	43	581174	48.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	380395	43.086	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	352027m	44.832	ug/l	
77) Bromobenzene	11.25	156	333433	47.589	ug/l	99
78) n-propylbenzene	11.35	91	1445576	50.608	ug/l	100
79) 2-Chlorotoluene	11.42	91	847688	48.820	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	1060795	49.496	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	130791	47.014	ug/l	97
82) 4-Chlorotoluene	11.51	91	975473	48.432	ug/l	100
83) tert-Butylbenzene	11.76	119	904333	43.359	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	1067238	49.725	ug/l	99
85) sec-Butylbenzene	11.94	105	1229074	49.918	ug/l	100
86) p-Isopropyltoluene	12.06	119	1126010	49.995	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	584484	47.598	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	579349	46.400	ug/l	100
89) n-Butylbenzene	12.39	91	969301	50.437	ug/l	99
90) Hexachloroethane	12.59	117	199568	49.331	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	584279	47.266	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92181	47.182	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	395200	49.188	ug/l	97
94) Hexachlorobutadiene	13.78	225	182802	47.342	ug/l	99
95) Naphthalene	13.83	128	1229775	52.097	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	396403	49.980	ug/l	98

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

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