

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122619\
 Data File : VX014288.D
 Acq On : 26 Dec 2019 22:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:23 PM

Quant Time: Dec 27 07:40:54 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	450885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	720058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	652088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	272266	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	5.49	113	226830	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	8.71	98	867027	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	312211	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	169535	42.029	ug/l	97
3) Chloromethane	1.32	50	258970	47.839	ug/l	99
4) Vinyl Chloride	1.40	62	269940	47.258	ug/l	99
5) Bromomethane	1.63	94	193862	47.818	ug/l	99
6) Chloroethane	1.72	64	175505	49.783	ug/l	94
7) Trichlorofluoromethane	1.92	101	339814	48.058	ug/l	98
8) Diethyl Ether	2.18	74	169499	51.076	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	203833	47.821	ug/l	99
10) Methyl Iodide	2.50	142	267755	47.758	ug/l	99
11) Tert butyl alcohol	3.03	59	270990	245.420	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209283	48.253	ug/l	97
13) Acrolein	2.28	56	169443	268.075	ug/l	98
14) Allyl chloride	2.72	41	401099	51.795	ug/l	98
15) Acrylonitrile	3.13	53	714676	277.302	ug/l	100
16) Acetone	2.43	43	613948	185.059	ug/l	99
17) Carbon Disulfide	2.56	76	526194	43.795	ug/l	99
18) Methyl Acetate	2.76	43	364884	55.505	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	760071	53.330	ug/l	98
20) Methylene Chloride	2.85	84	257708	49.329	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	233974	48.966	ug/l	98
22) Diisopropyl ether	3.84	45	851844	55.201	ug/l	97
23) Vinyl Acetate	3.80	43	3591582	285.199	ug/l	100
24) 1,1-Dichloroethane	3.69	63	448013	52.182	ug/l	99
25) 2-Butanone	4.65	43	986682	241.231	ug/l	98
26) 2,2-Dichloropropane	4.57	77	287917	43.192	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	278971	51.623	ug/l	98
28) Bromochloromethane	5.00	49	193181	58.429	ug/l	97
29) Tetrahydrofuran	5.11	42	639890	279.703	ug/l	99
30) Chloroform	5.20	83	434461	53.380	ug/l	99
31) Cyclohexane	5.57	56	371270	48.620	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	350234	50.490	ug/l	99
36) 1,1-Dichloropropene	5.79	75	311028	47.076	ug/l	100
37) Ethyl Acetate	4.82	43	387428	53.102	ug/l	100
38) Carbon Tetrachloride	5.78	117	289734	48.138	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	363204	44.521	ug/l	99
40) Benzene	6.14	78	1014014	49.881	ug/l	100
41) Methacrylonitrile	5.03	41	216895	53.579	ug/l	97
42) 1,2-Dichloroethane	6.19	62	345459	50.132	ug/l	100
43) Isopropyl Acetate	6.43	43	631855	52.330	ug/l	99
44) Trichloroethene	7.21	130	269913	48.070	ug/l	99
45) 1,2-Dichloropropane	7.51	63	273996	52.586	ug/l	94
46) Dibromomethane	7.65	93	170871	49.601	ug/l	99
47) Bromodichloromethane	7.89	83	340495	52.481	ug/l	99
48) Methyl methacrylate	7.76	41	309099	52.279	ug/l	99
49) 1,4-Dioxane	7.73	88	112590	935.748	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1985745	261.870	ug/l	99
52) Toluene	8.78	92	632490	49.224	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	361366	50.796	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	405072	51.110	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	265377	51.531	ug/l	98
56) Ethyl methacrylate	9.17	69	422791	52.264	ug/l	100
57) 1,3-Dichloropropane	9.37	76	445630	51.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	840709	274.619	ug/l	99
59) 2-Hexanone	9.48	43	1486315	243.487	ug/l	99
60) Dibromochloromethane	9.57	129	267005	52.160	ug/l	98
61) 1,2-Dibromoethane	9.67	107	270219	51.284	ug/l	100
64) Tetrachloroethene	9.33	164	274499	47.572	ug/l	96
65) Chlorobenzene	10.14	112	676008	48.757	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	254163	51.340	ug/l	99
67) Ethyl Benzene	10.25	91	1190267	49.933	ug/l	100
68) m/p-Xylenes	10.36	106	905293	98.744	ug/l	100
69) o-Xylene	10.70	106	443925	49.371	ug/l	99
70) Styrene	10.71	104	767270	50.463	ug/l	100
71) Bromoform	10.85	173	202986	51.009	ug/l	99
73) Isopropylbenzene	11.01	105	1147454	50.719	ug/l	100
74) N-amyl acetate	10.89	43	553780	52.220	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	400482	51.059	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	330315m	47.350	ug/l	
77) Bromobenzene	11.25	156	306305	49.208	ug/l	98
78) n-propylbenzene	11.35	91	1285583	50.660	ug/l	100
79) 2-Chlorotoluene	11.42	91	783206	50.772	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	959081	50.371	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	123689	50.046	ug/l	97
82) 4-Chlorotoluene	11.51	91	887769	49.614	ug/l	99
83) tert-Butylbenzene	11.76	119	911022	49.166	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	967477	50.739	ug/l	99
85) sec-Butylbenzene	11.94	105	1089734	49.818	ug/l	100
86) p-Isopropyltoluene	12.06	119	1008055	50.379	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	530392	48.618	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	523288	47.174	ug/l	99
89) n-Butylbenzene	12.39	91	851108	49.850	ug/l	100
90) Hexachloroethane	12.59	117	177751	49.457	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	544919	49.619	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	83447	48.076	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	350271	49.072	ug/l	98
94) Hexachlorobutadiene	13.78	225	154294	44.978	ug/l	96
95) Naphthalene	13.83	128	1096964	52.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360212	51.122	ug/l	100

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

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