

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122319\
 Data File : VX014218.D
 Acq On : 23 Dec 2019 21:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/24/2019 8:53:30 AM

Quant Time: Dec 24 03:58:51 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	519985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	800672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	362919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	292394	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	5.49	113	242055	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	8.71	98	948595	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.14	95	337815	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	209347	45.002	ug/l	100
3) Chloromethane	1.32	50	276369	44.269	ug/l	98
4) Vinyl Chloride	1.40	62	303467	46.067	ug/l	98
5) Bromomethane	1.63	94	187955	40.200	ug/l	100
6) Chloroethane	1.72	64	199250	49.008	ug/l	93
7) Trichlorofluoromethane	1.92	101	399715	49.017	ug/l	98
8) Diethyl Ether	2.18	74	184942	48.324	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	240223	48.869	ug/l	100
10) Methyl Iodide	2.50	142	267710	41.753	ug/l	99
11) Tert butyl alcohol	3.03	59	305998	240.298	ug/l	99
12) 1,1-Dichloroethene	2.37	96	240959	48.173	ug/l	97
13) Acrolein	2.28	56	175058	240.154	ug/l	100
14) Allyl chloride	2.72	41	440833	49.361	ug/l	100
15) Acrylonitrile	3.13	53	760171	255.758	ug/l	99
16) Acetone	2.43	43	829929	216.917	ug/l	100
17) Carbon Disulfide	2.56	76	613766	44.287	ug/l	100
18) Methyl Acetate	2.76	43	409473	54.010	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	838754	51.030	ug/l	98
20) Methylene Chloride	2.85	84	279237	46.347	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	258415	46.894	ug/l	99
22) Diisopropyl ether	3.84	45	906714	50.948	ug/l	94
23) Vinyl Acetate	3.80	43	2846816	196.018	ug/l	99
24) 1,1-Dichloroethane	3.69	63	485857	49.069	ug/l	99
25) 2-Butanone	4.66	43	1142774	242.265	ug/l	100
26) 2,2-Dichloropropane	4.58	77	345010	44.879	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	308983	49.579	ug/l	98
28) Bromochloromethane	5.01	49	205999	54.060	ug/l	98
29) Tetrahydrofuran	5.11	42	686842	260.329	ug/l	100
30) Chloroform	5.20	83	473136	50.407	ug/l	99
31) Cyclohexane	5.57	56	429500	48.772	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	397382	49.674	ug/l	99
36) 1,1-Dichloropropene	5.79	75	355407	48.377	ug/l	100
37) Ethyl Acetate	4.82	43	414665	51.113	ug/l	99
38) Carbon Tetrachloride	5.78	117	336330	50.253	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	429792	47.379	ug/l	99
40) Benzene	6.14	78	1108090	49.020	ug/l	100
41) Methacrylonitrile	5.03	41	233331	51.836	ug/l	98
42) 1,2-Dichloroethane	6.18	62	382729	49.949	ug/l	99
43) Isopropyl Acetate	6.43	43	683791	50.930	ug/l	100
44) Trichloroethene	7.21	130	311818	49.942	ug/l	99
45) 1,2-Dichloropropane	7.51	63	290771	50.187	ug/l	98
46) Dibromomethane	7.65	93	186605	48.715	ug/l	99
47) Bromodichloromethane	7.89	83	367700	50.968	ug/l	98
48) Methyl methacrylate	7.76	41	333640	50.748	ug/l	100
49) 1,4-Dioxane	7.73	88	126879	948.335	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2138142	253.578	ug/l	100
52) Toluene	8.78	92	695650	48.689	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	405109	51.211	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	454259	51.545	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	288047	50.302	ug/l	99
56) Ethyl methacrylate	9.17	69	461074	51.258	ug/l	99
57) 1,3-Dichloropropane	9.37	76	482003	50.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	900457	264.521	ug/l	100
59) 2-Hexanone	9.48	43	1652641	243.476	ug/l	100
60) Dibromochloromethane	9.57	129	297567	52.278	ug/l	99
61) 1,2-Dibromoethane	9.67	107	299429	51.106	ug/l	99
64) Tetrachloroethene	9.33	164	424279	66.400	ug/l	99
65) Chlorobenzene	10.14	112	750130	48.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	279466	50.978	ug/l	98
67) Ethyl Benzene	10.25	91	1315242	49.826	ug/l	100
68) m/p-Xylenes	10.35	106	1008203	99.306	ug/l	99
69) o-Xylene	10.70	106	490601	49.272	ug/l	98
70) Styrene	10.71	104	842964	50.066	ug/l	99
71) Bromoform	10.85	173	232807	52.830	ug/l #	99
73) Isopropylbenzene	11.01	105	1289435	50.463	ug/l	99
74) N-amyl acetate	10.89	43	589507	49.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	411432	46.444	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	350395m	44.473	ug/l	
77) Bromobenzene	11.25	156	335268	47.689	ug/l	100
78) n-propylbenzene	11.35	91	1474272	51.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	870521	49.965	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1074109	49.947	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141457	50.675	ug/l	98
82) 4-Chlorotoluene	11.51	91	998215	49.393	ug/l	99
83) tert-Butylbenzene	11.76	119	922770	44.093	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	1089705	50.599	ug/l	100
85) sec-Butylbenzene	11.94	105	1251728	50.665	ug/l	100
86) p-Isopropyltoluene	12.06	119	1147405	50.772	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	595460	48.327	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	592116	47.261	ug/l	99
89) n-Butylbenzene	12.39	91	981279	50.888	ug/l	99
90) Hexachloroethane	12.59	117	201002	49.517	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	599984	48.372	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	91485	46.667	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	403318	50.029	ug/l	99
94) Hexachlorobutadiene	13.78	225	191768	49.495	ug/l	100
95) Naphthalene	13.83	128	1242843	52.472	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	403400	50.690	ug/l	98

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

