

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122719\
 Data File : VX014302.D
 Acq On : 27 Dec 2019 12:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:07 AM

Quant Time: Dec 30 05:52:21 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	510192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	769144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	696368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	278215	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.48	113	235748	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	909303	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	326756	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	202483	44.362	ug/l	100
3) Chloromethane	1.32	50	273142	44.592	ug/l	100
4) Vinyl Chloride	1.40	62	295345	45.695	ug/l	99
5) Bromomethane	1.63	94	202838	44.216	ug/l	100
6) Chloroethane	1.72	64	188310	47.206	ug/l	97
7) Trichlorofluoromethane	1.92	101	382126	47.759	ug/l	100
8) Diethyl Ether	2.18	74	173047	46.084	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	236741	49.085	ug/l	100
10) Methyl Iodide	2.50	142	290424	45.888	ug/l	99
11) Tert butyl alcohol	3.03	59	261977	209.678	ug/l	100
12) 1,1-Dichloroethene	2.37	96	231823	47.236	ug/l	96
13) Acrolein	2.28	56	201883	282.270	ug/l	99
14) Allyl chloride	2.72	41	432818	49.394	ug/l	99
15) Acrylonitrile	3.13	53	715826	245.461	ug/l	99
16) Acetone	2.43	43	764744	203.716	ug/l	98
17) Carbon Disulfide	2.56	76	592351	43.574	ug/l	100
18) Methyl Acetate	2.76	43	366392	49.255	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	793977	49.233	ug/l	97
20) Methylene Chloride	2.85	84	270724	45.796	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	252512	46.703	ug/l	99
22) Diisopropyl ether	3.84	45	894400	51.221	ug/l	94
23) Vinyl Acetate	3.80	43	3757693	263.703	ug/l	100
24) 1,1-Dichloroethane	3.69	63	467771	48.150	ug/l	99
25) 2-Butanone	4.65	43	1089009	235.299	ug/l	99
26) 2,2-Dichloropropane	4.57	77	377452	50.041	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	293117	47.936	ug/l	99
28) Bromochloromethane	5.00	49	196351	52.530	ug/l	94
29) Tetrahydrofuran	5.11	42	639059	246.868	ug/l	98
30) Chloroform	5.20	83	457822	49.712	ug/l	100
31) Cyclohexane	5.57	56	428807	49.628	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	380981	48.538	ug/l	99
36) 1,1-Dichloropropene	5.79	75	344263	48.781	ug/l	99
37) Ethyl Acetate	4.81	43	387439	49.714	ug/l	99
38) Carbon Tetrachloride	5.78	117	323039	50.246	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	436509	50.092	ug/l	98
40) Benzene	6.13	78	1061404	48.880	ug/l	99
41) Methacrylonitrile	5.02	41	215057	49.734	ug/l	99
42) 1,2-Dichloroethane	6.18	62	362562	49.256	ug/l	99
43) Isopropyl Acetate	6.43	43	646037	50.090	ug/l	99
44) Trichloroethene	7.20	130	291949	48.676	ug/l	98
45) 1,2-Dichloropropane	7.51	63	282569	50.770	ug/l	98
46) Dibromomethane	7.65	93	176019	47.835	ug/l	99
47) Bromodichloromethane	7.89	83	356751	51.478	ug/l	98
48) Methyl methacrylate	7.76	41	318511	50.433	ug/l	98
49) 1,4-Dioxane	7.73	88	113638	884.184	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2003693	247.374	ug/l	99
52) Toluene	8.78	92	665377	48.479	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	396477	52.175	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	442272	52.242	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	273574	49.733	ug/l	98
56) Ethyl methacrylate	9.17	69	436608	50.528	ug/l	100
57) 1,3-Dichloropropane	9.36	76	462008	49.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	899003	274.920	ug/l	99
59) 2-Hexanone	9.48	43	1587018	243.392	ug/l	100
60) Dibromochloromethane	9.57	129	283107	51.776	ug/l	99
61) 1,2-Dibromoethane	9.67	107	282109	50.124	ug/l	99
64) Tetrachloroethene	9.33	164	301519	48.932	ug/l	98
65) Chlorobenzene	10.14	112	723465	48.861	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	266696	50.446	ug/l	99
67) Ethyl Benzene	10.25	91	1280881	50.318	ug/l	98
68) m/p-Xylenes	10.35	106	986317	100.741	ug/l	100
69) o-Xylene	10.70	106	470550	49.004	ug/l	98
70) Styrene	10.71	104	815836	50.245	ug/l	99
71) Bromoform	10.85	173	219667	51.690	ug/l #	99
73) Isopropylbenzene	11.01	105	1261263	49.579	ug/l	100
74) N-amyl acetate	10.89	43	577863	48.460	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	412518	46.772	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	339009m	43.218	ug/l	
77) Bromobenzene	11.25	156	322167	46.028	ug/l	98
78) n-propylbenzene	11.35	91	1465712	51.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	849140	48.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1060635	49.539	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138352	49.782	ug/l	98
82) 4-Chlorotoluene	11.51	91	983077	48.860	ug/l	99
83) tert-Butylbenzene	11.76	119	1029302	49.401	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1071108	49.956	ug/l	100
85) sec-Butylbenzene	11.94	105	1245994	50.657	ug/l	100
86) p-Isopropyltoluene	12.06	119	1151562	51.181	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	576954	47.033	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	582380	46.690	ug/l	99
89) n-Butylbenzene	12.39	91	1015702	52.906	ug/l	99
90) Hexachloroethane	12.59	117	200969	49.728	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	578948	46.883	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84504	43.297	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	404910	50.448	ug/l	98
94) Hexachlorobutadiene	13.77	225	193859	50.257	ug/l	96
95) Naphthalene	13.83	128	1186498	50.315	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	395211	49.881	ug/l	98

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

