

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101519\
 Data File : VX013083.D
 Acq On : 15 Oct 2019 17:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 9:57:23 AM

Quant Time: Oct 16 07:01:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	260529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	101649	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	5.49	113	82824	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	8.71	98	302740	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.13	95	119879	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69505	43.889	ug/l	99
3) Chloromethane	1.32	50	80708	46.828	ug/l	98
4) Vinyl Chloride	1.40	62	79963	44.950	ug/l	100
5) Bromomethane	1.62	94	32448	43.879	ug/l	97
6) Chloroethane	1.70	64	51885	47.765	ug/l	97
7) Trichlorofluoromethane	1.92	101	115287	48.016	ug/l	98
8) Diethyl Ether	2.18	74	49585	51.163	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74966	48.243	ug/l	99
10) Methyl Iodide	2.50	142	96439	54.295	ug/l	99
11) Tert butyl alcohol	3.04	59	124922	242.677	ug/l	99
12) 1,1-Dichloroethene	2.36	96	74667	47.558	ug/l	94
13) Acrolein	2.28	56	103279	282.320	ug/l	100
14) Allyl chloride	2.72	41	138280	49.456	ug/l	98
15) Acrylonitrile	3.13	53	261740	268.308	ug/l	98
16) Acetone	2.44	43	259062	253.102	ug/l	99
17) Carbon Disulfide	2.56	76	183017	40.881	ug/l	99
18) Methyl Acetate	2.76	43	126464	52.127	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	292174	53.888	ug/l	98
20) Methylene Chloride	2.84	84	92593	49.223	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	84467	50.195	ug/l	96
22) Diisopropyl ether	3.84	45	283315	52.880	ug/l	95
23) Vinyl Acetate	3.80	43	1227251	265.344	ug/l	100
24) 1,1-Dichloroethane	3.69	63	156324	51.864	ug/l	98
25) 2-Butanone	4.66	43	367449	258.761	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130309	51.412	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	99553	51.323	ug/l	99
28) Bromochloromethane	5.00	49	49203	54.665	ug/l	96
29) Tetrahydrofuran	5.11	42	227297	260.113	ug/l	98
30) Chloroform	5.20	83	159561	51.593	ug/l	97
31) Cyclohexane	5.57	56	124078	44.024	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	135361	51.655	ug/l	99
36) 1,1-Dichloropropene	5.79	75	111493	48.674	ug/l	99
37) Ethyl Acetate	4.82	43	132349	51.672	ug/l	99
38) Carbon Tetrachloride	5.77	117	112750	50.571	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130230	46.881	ug/l	98
40) Benzene	6.13	78	357738	52.879	ug/l	99
41) Methacrylonitrile	5.03	41	72113	51.238	ug/l	97
42) 1,2-Dichloroethane	6.19	62	131687	54.246	ug/l	99
43) Isopropyl Acetate	6.44	43	214344	52.139	ug/l	98
44) Trichloroethene	7.21	130	93895	50.050	ug/l	98
45) 1,2-Dichloropropane	7.51	63	93806	54.404	ug/l	99
46) Dibromomethane	7.65	93	62741	54.615	ug/l	98
47) Bromodichloromethane	7.89	83	124411	55.494	ug/l	98
48) Methyl methacrylate	7.76	41	105868	52.846	ug/l	99
49) 1,4-Dioxane	7.73	88	54661	1016.162	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	688384	268.574	ug/l	99
52) Toluene	8.78	92	228406	52.772	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	135769	48.591	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	151433	54.920	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	94930	55.423	ug/l	96
56) Ethyl methacrylate	9.17	69	155451	50.658	ug/l	97
57) 1,3-Dichloropropane	9.37	76	160301	54.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	351557	279.395	ug/l	99
59) 2-Hexanone	9.49	43	539603	270.448	ug/l	98
60) Dibromochloromethane	9.58	129	97205	50.960	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99130	55.017	ug/l	99
64) Tetrachloroethene	9.33	164	87927	53.108	ug/l	96
65) Chlorobenzene	10.14	112	243476	51.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	90815	55.255	ug/l	99
67) Ethyl Benzene	10.25	91	432954	51.420	ug/l	98
68) m/p-Xylenes	10.36	106	326672	103.852	ug/l	100
69) o-Xylene	10.70	106	162208	52.880	ug/l	99
70) Styrene	10.71	104	282497	54.173	ug/l	100
71) Bromoform	10.85	173	66500	47.652	ug/l #	99
73) Isopropylbenzene	11.01	105	418750	49.221	ug/l	99
74) N-amyl acetate	10.89	43	190050	51.870	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	144961	51.230	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	116396m	45.352	ug/l	
77) Bromobenzene	11.25	156	104453	52.102	ug/l	98
78) n-propylbenzene	11.35	91	471928	50.412	ug/l	99
79) 2-Chlorotoluene	11.42	91	296717	50.433	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	365257	51.417	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45879	46.297	ug/l	98
82) 4-Chlorotoluene	11.51	91	345481	51.232	ug/l	99
83) tert-Butylbenzene	11.76	119	350984	50.649	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	374346	52.032	ug/l	99
85) sec-Butylbenzene	11.94	105	408461	50.877	ug/l	99
86) p-Isopropyltoluene	12.06	119	373397	50.148	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187986	50.495	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	185050	49.079	ug/l	99
89) n-Butylbenzene	12.39	91	318185	50.845	ug/l	99
90) Hexachloroethane	12.59	117	63741	46.381	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	189974	52.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35294	53.217	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119425	52.235	ug/l	100
94) Hexachlorobutadiene	13.78	225	52589	49.841	ug/l	97
95) Naphthalene	13.83	128	414683	52.323	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	116966	49.506	ug/l	98

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

