

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012881.D
 Acq On : 08 Oct 2019 10:31
 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

MMDadoda
 10/9/2019 10:37:19 AM

Quant Time: Oct 09 02:17:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	102307	42.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.52%	
35) Dibromofluoromethane	5.48	113	83052	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.71	98	306718	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.13	95	125541	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	73306	38.308	ug/l 100
3) Chloromethane	1.32	50	81474	37.705	ug/l 97
4) Vinyl Chloride	1.40	62	88469	41.037	ug/l 100
5) Bromomethane	1.62	94	32548	38.095	ug/l 99
6) Chloroethane	1.70	64	57860	40.131	ug/l 99
7) Trichlorofluoromethane	1.91	101	131736	43.607	ug/l 97
8) Diethyl Ether	2.18	74	53784	43.629	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89833	48.553	ug/l 99
10) Methyl Iodide	2.50	142	78531	44.669	ug/l 99
11) Tert butyl alcohol	3.04	59	124304	205.588	ug/l 99
12) 1,1-Dichloroethene	2.36	96	84203	46.497	ug/l 98
13) Acrolein	2.28	56	73828	221.445	ug/l 100
14) Allyl chloride	2.72	41	158814	44.698	ug/l 98
15) Acrylonitrile	3.13	53	275101	223.646	ug/l 100
16) Acetone	2.44	43	311430	242.836	ug/l 100
17) Carbon Disulfide	2.56	76	208031	40.903	ug/l 99
18) Methyl Acetate	2.76	43	137985	45.532	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	322408	47.426	ug/l 98
20) Methylene Chloride	2.84	84	100200	45.603	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	91090	45.470	ug/l 99
22) Diisopropyl ether	3.84	45	314424	45.772	ug/l 98
23) Vinyl Acetate	3.80	43	1366943	227.662	ug/l 100
24) 1,1-Dichloroethane	3.68	63	172832	46.184	ug/l 99
25) 2-Butanone	4.65	43	407626	222.138	ug/l 100
26) 2,2-Dichloropropane	4.57	77	154161	46.553	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	108854	46.846	ug/l 99
28) Bromochloromethane	5.00	49	57967	43.668	ug/l 100
29) Tetrahydrofuran	5.11	42	238713	213.088	ug/l 99
30) Chloroform	5.20	83	177586	46.272	ug/l 100
31) Cyclohexane	5.56	56	152860	45.009	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	155838	46.058	ug/l 98
36) 1,1-Dichloropropene	5.79	75	130371	48.259	ug/l 100
37) Ethyl Acetate	4.82	43	143742	46.087	ug/l 99
38) Carbon Tetrachloride	5.77	117	130341	47.936	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	162950	49.907	ug/l	98
40) Benzene	6.13	78	389977	49.194	ug/l	98
41) Methacrylonitrile	5.03	41	82428	47.290	ug/l	98
42) 1,2-Dichloroethane	6.18	62	141978	47.580	ug/l	100
43) Isopropyl Acetate	6.43	43	240981	46.303	ug/l	99
44) Trichloroethene	7.20	130	102180	50.065	ug/l	93
45) 1,2-Dichloropropane	7.50	63	102321	50.421	ug/l	99
46) Dibromomethane	7.65	93	67595	48.992	ug/l	99
47) Bromodichloromethane	7.89	83	138947	50.640	ug/l	100
48) Methyl methacrylate	7.76	41	118758	47.639	ug/l	98
49) 1,4-Dioxane	7.73	88	50617	883.515	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	748142	232.849	ug/l	100
52) Toluene	8.78	92	250298	50.261	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	153967	50.668	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	169816	51.109	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	102778	51.922	ug/l	99
56) Ethyl methacrylate	9.17	69	169554	51.124	ug/l	100
57) 1,3-Dichloropropane	9.37	76	173688	50.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	394746	266.876	ug/l	100
59) 2-Hexanone	9.48	43	595127	242.483	ug/l	100
60) Dibromochloromethane	9.57	129	106877	53.287	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106439	51.662	ug/l	98
64) Tetrachloroethene	9.33	164	93005	53.099	ug/l	97
65) Chlorobenzene	10.14	112	268517	51.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	100523	53.060	ug/l	100
67) Ethyl Benzene	10.25	91	493576	52.050	ug/l	100
68) m/p-Xylenes	10.35	106	367118	103.436	ug/l	99
69) o-Xylene	10.70	106	177894	51.722	ug/l	99
70) Styrene	10.71	104	314753	54.538	ug/l	99
71) Bromoform	10.85	173	74141	55.869	ug/l #	100
73) Isopropylbenzene	11.01	105	485553	48.298	ug/l	100
74) N-amyl acetate	10.89	43	218025	46.217	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	160308	48.430	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	153764m	48.729	ug/l	
77) Bromobenzene	11.25	156	111582	48.863	ug/l	97
78) n-propylbenzene	11.35	91	546169	48.509	ug/l	98
79) 2-Chlorotoluene	11.42	91	329215	46.767	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	401329	47.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51989	46.402	ug/l	100
82) 4-Chlorotoluene	11.51	91	380259	47.353	ug/l	100
83) tert-Butylbenzene	11.76	119	392809	48.136	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	403040	47.326	ug/l	100
85) sec-Butylbenzene	11.94	105	460258	48.524	ug/l	99
86) p-Isopropyltoluene	12.06	119	439554	51.402	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207336	50.267	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	214716	51.714	ug/l	98
89) n-Butylbenzene	12.38	91	381778	50.881	ug/l	100
90) Hexachloroethane	12.59	117	74000	48.825	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	208266	50.656	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38734	47.167	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	135322	53.592	ug/l	99
94) Hexachlorobutadiene	13.77	225	62656	57.166	ug/l	99
95) Naphthalene	13.83	128	458800	50.729	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	131620	52.147	ug/l	98

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

