

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053119\
 Data File : VX010023.D
 Acq On : 01 Jun 2019 07:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/3/2019 9:34:41 AM

Quant Time: Jun 03 00:59:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109431	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	5.50	113	81266	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	8.71	98	330662	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	122005	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100754	52.136	ug/l	99
3) Chloromethane	1.32	50	110746	42.627	ug/l	98
4) Vinyl Chloride	1.41	62	104840	44.764	ug/l	99
5) Bromomethane	1.64	94	57578	40.577	ug/l	97
6) Chloroethane	1.71	64	63624	44.131	ug/l	99
7) Trichlorofluoromethane	1.92	101	121202	46.831	ug/l	99
8) Diethyl Ether	2.19	74	53006	43.584	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72439	46.360	ug/l	99
10) Methyl Iodide	2.51	142	78482	41.441	ug/l	100
11) Tert butyl alcohol	3.06	59	146987	267.358	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75312	47.023	ug/l	99
13) Acrolein	2.29	56	86556	224.464	ug/l	100
14) Allyl chloride	2.73	41	173471	44.563	ug/l	100
15) Acrylonitrile	3.14	53	310906	234.704	ug/l	99
16) Acetone	2.45	43	280474	217.298	ug/l	99
17) Carbon Disulfide	2.57	76	219752	45.349	ug/l	100
18) Methyl Acetate	2.78	43	151842	50.558	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	290825	48.097	ug/l	100
20) Methylene Chloride	2.85	84	91728	46.407	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	80820	45.352	ug/l	98
22) Diisopropyl ether	3.85	45	351918	47.514	ug/l	94
23) Vinyl Acetate	3.82	43	1533551	230.480	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169123	47.118	ug/l	99
25) 2-Butanone	4.67	43	475223	236.319	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75938	27.968	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	95748	46.546	ug/l	93
28) Bromochloromethane	5.01	49	80258	43.088	ug/l	97
29) Tetrahydrofuran	5.13	42	311591	241.630	ug/l	99
30) Chloroform	5.21	83	154836	47.832	ug/l	97
31) Cyclohexane	5.58	56	161982	47.647	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	129964	49.298	ug/l	100
36) 1,1-Dichloropropene	5.80	75	118758	46.108	ug/l	99
37) Ethyl Acetate	4.84	43	176677	49.230	ug/l	99
38) Carbon Tetrachloride	5.79	117	110076	49.457	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143260	46.891	ug/l	97
40) Benzene	6.14	78	365117	47.787	ug/l	100
41) Methacrylonitrile	5.04	41	100636	47.989	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134489	47.613	ug/l	100
43) Isopropyl Acetate	6.45	43	276350	47.723	ug/l	99
44) Trichloroethene	7.21	130	87763	47.289	ug/l	94
45) 1,2-Dichloropropane	7.51	63	103597	47.102	ug/l	96
46) Dibromomethane	7.66	93	59099	45.649	ug/l	97
47) Bromodichloromethane	7.90	83	121799	49.473	ug/l	99
48) Methyl methacrylate	7.77	41	140872	49.142	ug/l	99
49) 1,4-Dioxane	7.74	88	54914	1029.863	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	929953	246.872	ug/l	99
52) Toluene	8.79	92	226647	48.857	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133217	45.119	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	145681	45.285	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	90752	48.605	ug/l	99
56) Ethyl methacrylate	9.18	69	169058	50.858	ug/l	99
57) 1,3-Dichloropropane	9.37	76	161444	48.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	427284	245.132	ug/l	100
59) 2-Hexanone	9.49	43	723067	249.318	ug/l	100
60) Dibromochloromethane	9.58	129	94217	51.297	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92623	48.286	ug/l	99
64) Tetrachloroethene	9.34	164	87590	53.589	ug/l	98
65) Chlorobenzene	10.14	112	235667	48.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	87044	51.229	ug/l	99
67) Ethyl Benzene	10.25	91	434311	49.376	ug/l	99
68) m/p-Xylenes	10.36	106	318428	97.992	ug/l	99
69) o-Xylene	10.70	106	155148	49.784	ug/l	100
70) Styrene	10.71	104	275066	50.335	ug/l	99
71) Bromoform	10.85	173	74101	53.353	ug/l	98
73) Isopropylbenzene	11.02	105	414232	48.337	ug/l	99
74) N-amyl acetate	10.90	43	250215	48.862	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	151637	47.429	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131146m	47.218	ug/l	
77) Bromobenzene	11.26	156	106104	48.583	ug/l	95
78) n-propylbenzene	11.36	91	482927	48.889	ug/l	100
79) 2-Chlorotoluene	11.42	91	287086	47.569	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	353900	49.019	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45646	40.661	ug/l	99
82) 4-Chlorotoluene	11.51	91	332487	47.325	ug/l	99
83) tert-Butylbenzene	11.77	119	335989	48.644	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	355572	48.496	ug/l	100
85) sec-Butylbenzene	11.94	105	403650	49.122	ug/l	100
86) p-Isopropyltoluene	12.06	119	369997	50.060	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185741	47.771	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184549	46.541	ug/l	99
89) n-Butylbenzene	12.38	91	328667	47.317	ug/l	99
90) Hexachloroethane	12.60	117	65067	51.298	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	185112	48.289	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35357	46.982	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131777	48.103	ug/l	99
94) Hexachlorobutadiene	13.78	225	64839	47.188	ug/l	100
95) Naphthalene	13.83	128	423559	49.684	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131642	48.007	ug/l	100

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

