

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009906.D
 Acq On : 28 May 2019 11:07
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:24:50 AM

Quant Time: May 29 03:56:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117371	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.50	113	85787	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	8.71	98	356260	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.13	95	130584	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121152	68.037	ug/l	100
3) Chloromethane	1.33	50	142030	60.182	ug/l	100
4) Vinyl Chloride	1.41	62	133184	58.490	ug/l	100
5) Bromomethane	1.64	94	73966	54.205	ug/l	100
6) Chloroethane	1.72	64	77139	53.619	ug/l	100
7) Trichlorofluoromethane	1.93	101	147799	54.262	ug/l	100
8) Diethyl Ether	2.19	74	64069	50.255	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87144	51.542	ug/l	100
10) Methyl Iodide	2.51	142	107396	59.918	ug/l	100
11) Tert butyl alcohol	3.05	59	146528	256.295	ug/l	100
12) 1,1-Dichloroethene	2.37	96	88363	52.196	ug/l	100
13) Acrolein	2.29	56	106532	213.876	ug/l	100
14) Allyl chloride	2.73	41	217070	52.283	ug/l	100
15) Acrylonitrile	3.15	53	351577	251.939	ug/l	100
16) Acetone	2.45	43	347554	260.693	ug/l	100
17) Carbon Disulfide	2.57	76	268827	55.812	ug/l	100
18) Methyl Acetate	2.78	43	153455	48.874	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	328863	50.232	ug/l	100
20) Methylene Chloride	2.85	84	104462	48.942	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	93293	50.939	ug/l	100
22) Diisopropyl ether	3.85	45	408913	51.476	ug/l	100
23) Vinyl Acetate	3.82	43	1851978	271.065	ug/l	100
24) 1,1-Dichloroethane	3.70	63	196322	50.223	ug/l	100
25) 2-Butanone	4.68	43	547733	264.947	ug/l	100
26) 2,2-Dichloropropane	4.59	77	150130	51.546	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	107268	49.224	ug/l	100
28) Bromochloromethane	5.02	49	96907	54.711	ug/l	100
29) Tetrahydrofuran	5.13	42	349097	263.005	ug/l	100
30) Chloroform	5.21	83	175901	49.864	ug/l	100
31) Cyclohexane	5.58	56	198294	53.863	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	149164	50.674	ug/l	100
36) 1,1-Dichloropropene	5.80	75	137845	51.725	ug/l	100
37) Ethyl Acetate	4.84	43	200090	53.538	ug/l	100
38) Carbon Tetrachloride	5.79	117	125507	51.864	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	174971	53.302	ug/l	100
40) Benzene	6.15	78	421769	51.266	ug/l	100
41) Methacrylonitrile	5.04	41	112465	50.846	ug/l	100
42) 1,2-Dichloroethane	6.20	62	151776	51.224	ug/l	100
43) Isopropyl Acetate	6.45	43	315425	52.946	ug/l	100
44) Trichloroethene	7.21	130	99597	50.147	ug/l	100
45) 1,2-Dichloropropane	7.51	63	119641	51.368	ug/l	100
46) Dibromomethane	7.66	93	67813	50.164	ug/l	100
47) Bromodichloromethane	7.90	83	136658	50.772	ug/l	100
48) Methyl methacrylate	7.77	41	160246	54.031	ug/l	100
49) 1,4-Dioxane	7.74	88	58120	979.450	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1045713	267.862	ug/l	100
52) Toluene	8.79	92	256471	51.270	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	166082	54.221	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	180650	53.490	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	101408	49.946	ug/l	100
56) Ethyl methacrylate	9.18	69	193213	52.931	ug/l	100
57) 1,3-Dichloropropane	9.37	76	181678	50.626	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	497577	259.643	ug/l	100
59) 2-Hexanone	9.49	43	826444	269.788	ug/l	100
60) Dibromochloromethane	9.58	129	104157	52.324	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104455	50.883	ug/l	100
64) Tetrachloroethene	9.34	164	90511	50.384	ug/l	100
65) Chlorobenzene	10.14	112	264601	50.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	95257	50.297	ug/l	100
67) Ethyl Benzene	10.25	91	491048	50.993	ug/l	100
68) m/p-Xylenes	10.36	106	364816	103.569	ug/l	100
69) o-Xylene	10.69	106	175973	50.666	ug/l	100
70) Styrene	10.71	104	309023	51.321	ug/l	100
71) Bromoform	10.85	173	79736	51.728	ug/l	100
73) Isopropylbenzene	11.02	105	472574	50.238	ug/l	100
74) N-amyl acetate	10.90	43	289120	52.535	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	170089	48.736	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	150435m	50.110	ug/l	
77) Bromobenzene	11.26	156	114806	49.228	ug/l	100
78) n-propylbenzene	11.36	91	551557	51.245	ug/l	100
79) 2-Chlorotoluene	11.42	91	327116	49.237	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	400788	50.531	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62453	52.949	ug/l	100
82) 4-Chlorotoluene	11.51	91	380868	50.699	ug/l	100
83) tert-Butylbenzene	11.77	119	382999	49.728	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	405532	50.933	ug/l	100
85) sec-Butylbenzene	11.94	105	461074	50.480	ug/l	100
86) p-Isopropyltoluene	12.06	119	423050	51.465	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206242	49.638	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	207144	49.426	ug/l	100
89) n-Butylbenzene	12.38	91	396432	53.127	ug/l	100
90) Hexachloroethane	12.60	117	71733	51.310	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	205060	48.612	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39757	50.791	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147926	51.136	ug/l	100
94) Hexachlorobutadiene	13.78	225	75106	50.716	ug/l	100
95) Naphthalene	13.83	128	465427	49.813	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	146280	50.004	ug/l	100

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

