

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008736.D
 Acq On : 08 Apr 2019 10:27
 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
 4/9/2019 1:48:49 PM

Quant Time: Apr 09 06:50:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	327962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	145897	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	5.49	113	109250	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	8.71	98	436067	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.13	95	157091	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106872	45.646	ug/l	99
3) Chloromethane	1.32	50	141042	49.124	ug/l	99
4) Vinyl Chloride	1.40	62	143294	45.274	ug/l	100
5) Bromomethane	1.64	94	75470	48.465	ug/l	99
6) Chloroethane	1.71	64	85845	49.642	ug/l	99
7) Trichlorofluoromethane	1.92	101	169500	48.446	ug/l	99
8) Diethyl Ether	2.18	74	79006	47.618	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106095	47.099	ug/l	96
10) Methyl Iodide	2.51	142	101889	49.691	ug/l	100
11) Tert butyl alcohol	3.06	59	164458	236.782	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105347	44.800	ug/l	100
13) Acrolein	2.29	56	134448	390.388	ug/l	99
14) Allyl chloride	2.72	41	259383	48.184	ug/l	99
15) Acrylonitrile	3.14	53	430872	234.170	ug/l	100
16) Acetone	2.45	43	430026	251.659	ug/l	98
17) Carbon Disulfide	2.56	76	321658	47.329	ug/l	99
18) Methyl Acetate	2.77	43	194691	46.979	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	419260	49.925	ug/l	98
20) Methylene Chloride	2.85	84	129476	45.267	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	118730	46.679	ug/l	94
22) Diisopropyl ether	3.85	45	502086	48.391	ug/l	98
23) Vinyl Acetate	3.81	43	2240880	248.266	ug/l	100
24) 1,1-Dichloroethane	3.69	63	246948	48.072	ug/l	99
25) 2-Butanone	4.67	43	664565	246.067	ug/l	100
26) 2,2-Dichloropropane	4.58	77	188904	52.210	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	139048	47.548	ug/l	98
28) Bromochloromethane	5.01	49	122111	57.350	ug/l	99
29) Tetrahydrofuran	5.13	42	420817	234.759	ug/l	100
30) Chloroform	5.21	83	223570	48.726	ug/l	99
31) Cyclohexane	5.57	56	245176	47.831	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	185910	50.141	ug/l	99
36) 1,1-Dichloropropene	5.79	75	177733	49.577	ug/l	99
37) Ethyl Acetate	4.83	43	243907	50.972	ug/l	100
38) Carbon Tetrachloride	5.78	117	158214	53.322	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227152	51.292	ug/l	99
40) Benzene	6.14	78	532924	49.899	ug/l	99
41) Methacrylonitrile	5.04	41	136104	49.482	ug/l	99
42) 1,2-Dichloroethane	6.19	62	188063	49.118	ug/l	100
43) Isopropyl Acetate	6.44	43	390005	52.029	ug/l	100
44) Trichloroethene	7.21	130	127862	51.403	ug/l	99
45) 1,2-Dichloropropane	7.51	63	152585	50.055	ug/l	100
46) Dibromomethane	7.66	93	86775	49.081	ug/l	99
47) Bromodichloromethane	7.90	83	176864	53.056	ug/l	98
48) Methyl methacrylate	7.77	41	196298	51.769	ug/l	99
49) 1,4-Dioxane	7.74	88	66093	930.470	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1226734	254.223	ug/l	100
52) Toluene	8.78	92	322466	51.214	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	208014	55.706	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	229116	53.698	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129085	51.074	ug/l	99
56) Ethyl methacrylate	9.18	69	241390	52.787	ug/l	99
57) 1,3-Dichloropropane	9.37	76	231514	51.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	664447	284.557	ug/l	99
59) 2-Hexanone	9.49	43	941948	251.181	ug/l	100
60) Dibromochloromethane	9.58	129	131780	55.332	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133240	50.639	ug/l	98
64) Tetrachloroethene	9.33	164	111790	53.008	ug/l	98
65) Chlorobenzene	10.13	112	328156	52.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	120217	54.309	ug/l	99
67) Ethyl Benzene	10.25	91	620532	52.741	ug/l	99
68) m/p-Xylenes	10.36	106	453327	107.161	ug/l	98
69) o-Xylene	10.69	106	217045	52.942	ug/l	98
70) Styrene	10.71	104	383334	54.244	ug/l	99
71) Bromoform	10.85	173	95555	56.521	ug/l #	100
73) Isopropylbenzene	11.02	105	587877	52.668	ug/l	100
74) N-amyl acetate	10.90	43	332170	50.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	204405	48.151	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	177006m	47.840	ug/l	
77) Bromobenzene	11.26	156	139417	51.957	ug/l	98
78) n-propylbenzene	11.36	91	691858	53.234	ug/l	100
79) 2-Chlorotoluene	11.42	91	398810	50.707	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	496389	52.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75530	56.271	ug/l	97
82) 4-Chlorotoluene	11.51	91	467992	51.405	ug/l	99
83) tert-Butylbenzene	11.77	119	482083	53.481	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	499011	52.598	ug/l	100
85) sec-Butylbenzene	11.94	105	575301	53.730	ug/l	99
86) p-Isopropyltoluene	12.06	119	521432	54.258	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	246137	51.238	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	245811	50.533	ug/l	99
89) n-Butylbenzene	12.38	91	498780	55.343	ug/l	99
90) Hexachloroethane	12.60	117	90554	56.811	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	241794	50.695	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46137	49.406	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	174830	52.720	ug/l	99
94) Hexachlorobutadiene	13.78	225	88662	55.748	ug/l	99
95) Naphthalene	13.83	128	570449	51.468	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	173405	52.335	ug/l	99

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

