

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011106.D
 Acq On : 26 Jul 2019 21:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:29 AM

Quant Time: Jul 27 04:07:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	147566	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108730	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	5.50	113	97853	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.71	98	358346	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.13	95	139882	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	92547	45.072	ug/l 99
3) Chloromethane	1.32	50	83327	47.000	ug/l 99
4) Vinyl Chloride	1.41	62	88898	49.159	ug/l 100
5) Bromomethane	1.64	94	45659	44.805	ug/l 98
6) Chloroethane	1.71	64	56594	49.246	ug/l 98
7) Trichlorofluoromethane	1.92	101	156437	51.104	ug/l 99
8) Diethyl Ether	2.19	74	52818	50.078	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84720	48.471	ug/l 98
10) Methyl Iodide	2.51	142	104980	45.770	ug/l 100
11) Tert butyl alcohol	3.06	59	118916	248.950	ug/l 100
12) 1,1-Dichloroethene	2.37	96	83713	48.747	ug/l 98
13) Acrolein	2.29	56	62575	226.737	ug/l 100
14) Allyl chloride	2.73	41	122463	49.095	ug/l 99
15) Acrylonitrile	3.14	53	250830	259.868	ug/l 99
16) Acetone	2.45	43	209970	226.663	ug/l 98
17) Carbon Disulfide	2.57	76	184836	41.960	ug/l 98
18) Methyl Acetate	2.78	43	117452	55.682	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	287160	51.944	ug/l 99
20) Methylene Chloride	2.85	84	97558	49.695	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	89162	48.933	ug/l 95
22) Diisopropyl ether	3.85	45	272812	51.857	ug/l 97
23) Vinyl Acetate	3.81	43	1162580	260.814	ug/l 99
24) 1,1-Dichloroethane	3.70	63	155004	50.733	ug/l 99
25) 2-Butanone	4.67	43	346416	260.509	ug/l 100
26) 2,2-Dichloropropane	4.58	77	103515	41.264	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	106481	50.494	ug/l 96
28) Bromochloromethane	5.01	49	68574	47.629	ug/l 98
29) Tetrahydrofuran	5.13	42	221413	262.859	ug/l 99
30) Chloroform	5.21	83	169235	51.246	ug/l 100
31) Cyclohexane	5.58	56	131641	47.271	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	147799	51.730	ug/l 99
36) 1,1-Dichloropropene	5.80	75	117285	48.754	ug/l 98
37) Ethyl Acetate	4.84	43	128417	52.132	ug/l 99
38) Carbon Tetrachloride	5.79	117	128012	51.067	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141109	45.233	ug/l	100
40) Benzene	6.14	78	366602	49.750	ug/l	99
41) Methacrylonitrile	5.04	41	73583	52.621	ug/l	95
42) 1,2-Dichloroethane	6.19	62	130906	51.092	ug/l	99
43) Isopropyl Acetate	6.45	43	210650	52.007	ug/l	98
44) Trichloroethene	7.21	130	106115	48.649	ug/l	95
45) 1,2-Dichloropropane	7.51	63	94396	50.330	ug/l	100
46) Dibromomethane	7.66	93	68553	51.152	ug/l	100
47) Bromodichloromethane	7.90	83	127208	53.322	ug/l	99
48) Methyl methacrylate	7.77	41	101938	51.662	ug/l	99
49) 1,4-Dioxane	7.74	88	55069	997.741	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	710116	270.456	ug/l	100
52) Toluene	8.78	92	239783	49.533	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	132560	51.677	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144898	50.764	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103530	51.941	ug/l	98
56) Ethyl methacrylate	9.18	69	156390	53.639	ug/l	98
57) 1,3-Dichloropropane	9.37	76	162941	51.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	360134	258.756	ug/l	99
59) 2-Hexanone	9.49	43	549384	269.772	ug/l	99
60) Dibromochloromethane	9.58	129	111070	48.499	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110580	52.276	ug/l	99
64) Tetrachloroethene	9.34	164	96581	44.882	ug/l	98
65) Chlorobenzene	10.13	112	276396	49.196	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104358	52.852	ug/l	99
67) Ethyl Benzene	10.25	91	475831	49.758	ug/l	99
68) m/p-Xylenes	10.36	106	362102	98.713	ug/l	99
69) o-Xylene	10.69	106	179247	50.069	ug/l	100
70) Styrene	10.71	104	310846	52.086	ug/l	100
71) Bromoform	10.85	173	85318	47.585	ug/l #	98
73) Isopropylbenzene	11.02	105	488339	48.976	ug/l	99
74) N-amyl acetate	10.90	43	197232	51.769	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	164854	50.521	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138981m	52.191	ug/l	
77) Bromobenzene	11.25	156	131612	47.853	ug/l	97
78) n-propylbenzene	11.36	91	547769	49.720	ug/l	98
79) 2-Chlorotoluene	11.42	91	324206	48.987	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	412343	49.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45620	43.929	ug/l	98
82) 4-Chlorotoluene	11.51	91	381057	49.469	ug/l	99
83) tert-Butylbenzene	11.77	119	414240	50.617	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	417512	49.718	ug/l	100
85) sec-Butylbenzene	11.94	105	483558	50.426	ug/l	100
86) p-Isopropyltoluene	12.06	119	445897	50.296	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	234539	49.139	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	234190	47.841	ug/l	98
89) n-Butylbenzene	12.38	91	379132	49.987	ug/l	100
90) Hexachloroethane	12.60	117	72629	51.941	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	235315	49.745	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35921	52.664	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	160665	50.116	ug/l	99
94) Hexachlorobutadiene	13.78	225	77442	48.747	ug/l	98
95) Naphthalene	13.83	128	507276	53.585	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	163373	51.218	ug/l	98

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

