

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040219\
 Data File : VX008595.D
 Acq On : 02 Apr 2019 16:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/3/2019 10:51:11 AM

Quant Time: Apr 03 04:12:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	324153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145120	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115079	38.54	ug/l	0.00
Spiked Amount			Recovery	=	77.08%	
35) Dibromofluoromethane	5.49	113	86035	40.70	ug/l	0.00
Spiked Amount			Recovery	=	81.40%	
50) Toluene-d8	8.71	98	343378	40.63	ug/l	0.00
Spiked Amount			Recovery	=	81.26%	
62) 4-Bromofluorobenzene	11.13	95	133166	42.52	ug/l	0.00
Spiked Amount			Recovery	=	85.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	95111	40.967	ug/l	100
3) Chloromethane	1.32	50	128823	43.891	ug/l	100
4) Vinyl Chloride	1.40	62	132497	40.874	ug/l	99
5) Bromomethane	1.64	94	66556	39.513	ug/l	99
6) Chloroethane	1.71	64	84612	44.062	ug/l	99
7) Trichlorofluoromethane	1.92	101	157666	42.946	ug/l	99
8) Diethyl Ether	2.18	74	74156	42.681	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101735	45.853	ug/l	98
10) Methyl Iodide	2.50	142	84280	39.945	ug/l	99
11) Tert butyl alcohol	3.06	59	162501	245.633	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98067	42.798	ug/l	98
13) Acrolein	2.29	56	131908	274.568	ug/l	100
14) Allyl chloride	2.72	41	241977	47.934	ug/l	98
15) Acrylonitrile	3.14	53	414323	238.841	ug/l	100
16) Acetone	2.44	43	431651	276.589	ug/l	99
17) Carbon Disulfide	2.56	76	287356	43.660	ug/l	100
18) Methyl Acetate	2.77	43	186092	49.649	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	402173	48.705	ug/l	99
20) Methylene Chloride	2.85	84	125563	49.288	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	110496	48.386	ug/l	100
22) Diisopropyl ether	3.85	45	476450	47.932	ug/l	93
23) Vinyl Acetate	3.81	43	2112396	243.583	ug/l	100
24) 1,1-Dichloroethane	3.69	63	236599	47.147	ug/l	100
25) 2-Butanone	4.67	43	643283	257.112	ug/l	100
26) 2,2-Dichloropropane	4.58	77	174712	52.344	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	132682	47.353	ug/l	100
28) Bromochloromethane	5.01	49	113277	45.690	ug/l	99
29) Tetrahydrofuran	5.12	42	389808	236.395	ug/l	99
30) Chloroform	5.20	83	216752	47.860	ug/l	100
31) Cyclohexane	5.57	56	226266	47.275	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	175363	48.442	ug/l	100
36) 1,1-Dichloropropene	5.79	75	165921	48.007	ug/l	99
37) Ethyl Acetate	4.83	43	228344	50.999	ug/l	100
38) Carbon Tetrachloride	5.78	117	147434	51.116	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212253	51.388	ug/l	98
40) Benzene	6.13	78	506306	48.933	ug/l	100
41) Methacrylonitrile	5.04	41	130547	51.883	ug/l	99
42) 1,2-Dichloroethane	6.19	62	182796	48.252	ug/l	100
43) Isopropyl Acetate	6.44	43	363852	50.805	ug/l	100
44) Trichloroethene	7.21	130	119144	49.042	ug/l	98
45) 1,2-Dichloropropane	7.51	63	147519	50.159	ug/l	99
46) Dibromomethane	7.66	93	83118	48.398	ug/l	99
47) Bromodichloromethane	7.90	83	170417	51.842	ug/l	99
48) Methyl methacrylate	7.77	41	185178	51.676	ug/l	98
49) 1,4-Dioxane	7.74	88	62971	883.797	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1217498	261.739	ug/l	100
52) Toluene	8.78	92	307835	49.757	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	196592	54.601	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	216081	52.777	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	126815	50.355	ug/l	99
56) Ethyl methacrylate	9.18	69	236954	52.124	ug/l	99
57) 1,3-Dichloropropane	9.37	76	222646	49.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	698838	297.392	ug/l	100
59) 2-Hexanone	9.49	43	957855	265.754	ug/l	99
60) Dibromochloromethane	9.58	129	126058	52.632	ug/l	99
61) 1,2-Dibromoethane	9.67	107	129007	50.195	ug/l	100
64) Tetrachloroethene	9.34	164	100758	51.107	ug/l	98
65) Chlorobenzene	10.13	112	320869	50.666	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113926	52.141	ug/l	100
67) Ethyl Benzene	10.25	91	604469	50.574	ug/l	99
68) m/p-Xylenes	10.36	106	441635	101.568	ug/l	99
69) o-Xylene	10.69	106	214157	50.753	ug/l	100
70) Styrene	10.71	104	383071	52.557	ug/l	99
71) Bromoform	10.85	173	94544	54.792	ug/l	100
73) Isopropylbenzene	11.02	105	578740	49.020	ug/l	100
74) N-amyl acetate	10.90	43	342330	50.095	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	215778	47.105	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	187665m	43.498	ug/l	
77) Bromobenzene	11.25	156	137011	47.816	ug/l	99
78) n-propylbenzene	11.36	91	695873	50.315	ug/l	100
79) 2-Chlorotoluene	11.42	91	403766	47.999	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	492761	49.369	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	73481	54.551	ug/l	100
82) 4-Chlorotoluene	11.51	91	469891	48.426	ug/l	99
83) tert-Butylbenzene	11.77	119	475390	49.366	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	494852	49.017	ug/l	98
85) sec-Butylbenzene	11.94	105	578568	50.451	ug/l	100
86) p-Isopropyltoluene	12.06	119	521797	51.565	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255343	49.876	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	251798	48.734	ug/l	99
89) n-Butylbenzene	12.38	91	506178	52.805	ug/l	100
90) Hexachloroethane	12.59	117	88649	52.586	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	251491	49.054	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47798	47.855	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181197	52.495	ug/l	99
94) Hexachlorobutadiene	13.78	225	89132	54.383	ug/l	99
95) Naphthalene	13.83	128	588162	49.701	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	179026	51.615	ug/l	99

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

