

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004786.D
 Acq On : 27 Sep 2018 20:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:09 PM

Quant Time: Sep 28 07:41:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169401	58.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.76%	
35) Dibromofluoromethane	5.50	113	134369	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	8.72	98	497180	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.14	95	189054	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	134447	48.543	ug/l	98
3) Chloromethane	1.32	50	181774	54.095	ug/l	99
4) Vinyl Chloride	1.40	62	169340	53.732	ug/l	99
5) Bromomethane	1.64	94	85733	45.875	ug/l	100
6) Chloroethane	1.71	64	109109	64.187	ug/l	99
7) Trichlorofluoromethane	1.92	101	194881	49.949	ug/l	96
8) Diethyl Ether	2.19	74	103837	61.261	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101739	45.777	ug/l	98
10) Methyl Iodide	2.51	142	71109	23.910	ug/l	98
11) Tert butyl alcohol	3.09	59	235788	290.610	ug/l	99
12) 1,1-Dichloroethene	2.37	96	114628	52.080	ug/l	96
13) Acrolein	2.29	56	142950	247.629	ug/l	96
14) Allyl chloride	2.72	41	293410	61.097	ug/l	94
15) Acrylonitrile	3.15	53	556568	311.611	ug/l	98
16) Acetone	2.45	43	474997	280.384	ug/l	97
17) Carbon Disulfide	2.56	76	351445	53.139	ug/l	99
18) Methyl Acetate	2.78	43	274713	64.003	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	505494	66.582	ug/l	96
20) Methylene Chloride	2.85	84	157258	64.081	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	135226	56.124	ug/l	96
22) Diisopropyl ether	3.87	45	518063	64.063	ug/l	95
23) Vinyl Acetate	3.82	43	2375608	320.926	ug/l	96
24) 1,1-Dichloroethane	3.69	63	266991	55.348	ug/l	98
25) 2-Butanone	4.70	43	745901	298.702	ug/l	93
26) 2,2-Dichloropropane	4.58	77	170235	50.678	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157864	58.650	ug/l	96
28) Bromochloromethane	5.02	49	131611	57.937	ug/l	89
29) Tetrahydrofuran	5.16	42	493791	318.151	ug/l	92
30) Chloroform	5.21	83	261405	57.338	ug/l	99
31) Cyclohexane	5.57	56	185497	50.242	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	203639	54.694	ug/l	99
36) 1,1-Dichloropropene	5.79	75	172226	44.047	ug/l	100
37) Ethyl Acetate	4.86	43	272533	52.508	ug/l	98
38) Carbon Tetrachloride	5.78	117	168910	41.095	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167400	41.927	ug/l	94
40) Benzene	6.14	78	593324	48.469	ug/l	99
41) Methacrylonitrile	5.06	41	151762	52.724	ug/l	96
42) 1,2-Dichloroethane	6.20	62	218161	50.414	ug/l	97
43) Isopropyl Acetate	6.46	43	407850	54.443	ug/l	96
44) Trichloroethene	7.21	130	147272	48.939	ug/l	95
45) 1,2-Dichloropropane	7.52	63	165861	55.251	ug/l	98
46) Dibromomethane	7.66	93	105454	55.896	ug/l	98
47) Bromodichloromethane	7.90	83	202631	57.366	ug/l	99
48) Methyl methacrylate	7.78	41	216093	63.553	ug/l	93
49) 1,4-Dioxane	7.76	88	87444	1035.150	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1437190	304.689	ug/l	96
52) Toluene	8.79	92	365166	54.289	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	229876	57.590	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	249591	59.699	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	159844	54.251	ug/l	97
56) Ethyl methacrylate	9.18	69	260638	54.255	ug/l	95
57) 1,3-Dichloropropane	9.37	76	271576	55.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	709246	277.697	ug/l	94
59) 2-Hexanone	9.50	43	1137807	289.468	ug/l	94
60) Dibromochloromethane	9.59	129	166812	56.611	ug/l	100
61) 1,2-Dibromoethane	9.67	107	167181	52.982	ug/l	99
64) Tetrachloroethene	9.34	164	134600	40.936	ug/l	97
65) Chlorobenzene	10.14	112	418425	48.843	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	151823	50.411	ug/l	99
67) Ethyl Benzene	10.26	91	681620	50.116	ug/l	99
68) m/p-Xylenes	10.36	106	532794	100.247	ug/l	94
69) o-Xylene	10.70	106	266613	54.616	ug/l	97
70) Styrene	10.71	104	454335	49.772	ug/l	97
71) Bromoform	10.86	173	136567	52.966	ug/l #	99
73) Isopropylbenzene	11.02	105	660930	51.222	ug/l	99
74) N-amyl acetate	10.90	43	381950	53.720	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	271986	51.782	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	246232m	53.664	ug/l	
77) Bromobenzene	11.26	156	195805	52.244	ug/l	97
78) n-propylbenzene	11.36	91	750760	50.710	ug/l	100
79) 2-Chlorotoluene	11.42	91	485055	52.562	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	577760	48.849	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	76569	45.692	ug/l	99
82) 4-Chlorotoluene	11.51	91	572703	52.725	ug/l	99
83) tert-Butylbenzene	11.77	119	553818	52.130	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	610063	50.021	ug/l	97
85) sec-Butylbenzene	11.94	105	627882	48.522	ug/l	98
86) p-Isopropyltoluene	12.07	119	579438	49.424	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	351210	50.185	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	358378	49.607	ug/l	99
89) n-Butylbenzene	12.39	91	500180	46.977	ug/l	97
90) Hexachloroethane	12.60	117	97353	49.874	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	360711	49.321	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62576	54.259	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	260473	50.771	ug/l	99
94) Hexachlorobutadiene	13.78	225	99643	37.455	ug/l	97
95) Naphthalene	13.83	128	889898	52.228	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	269789	50.906	ug/l	99

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

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