

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004788.D
 Acq On : 27 Sep 2018 21:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:11 PM

Quant Time: Sep 28 07:44:16 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	231136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169414	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	5.50	113	137606	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.71	98	526778	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
62) 4-Bromofluorobenzene	11.14	95	196216	56.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	195830	62.139	ug/l	99
3) Chloromethane	1.32	50	209346	54.753	ug/l	98
4) Vinyl Chloride	1.40	62	207473	57.855	ug/l	98
5) Bromomethane	1.64	94	95669	44.989	ug/l	98
6) Chloroethane	1.71	64	118647	61.233	ug/l	99
7) Trichlorofluoromethane	1.92	101	259824	58.525	ug/l	95
8) Diethyl Ether	2.19	74	104860	54.370	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	143518	56.752	ug/l	98
10) Methyl Iodide	2.51	142	91527	27.047	ug/l	99
11) Tert butyl alcohol	3.09	59	242563	262.739	ug/l	100
12) 1,1-Dichloroethene	2.37	96	138823	55.431	ug/l	93
13) Acrolein	2.29	56	83016	126.383	ug/l	96
14) Allyl chloride	2.72	41	310598	56.840	ug/l	95
15) Acrylonitrile	3.15	53	560870	275.973	ug/l	99
16) Acetone	2.45	43	513623	266.451	ug/l	96
17) Carbon Disulfide	2.56	76	417440	55.470	ug/l	100
18) Methyl Acetate	2.78	43	282750	57.894	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	506102	58.586	ug/l	95
20) Methylene Chloride	2.85	84	166121	59.430	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	150049	54.731	ug/l	98
22) Diisopropyl ether	3.87	45	533806	58.012	ug/l	96
23) Vinyl Acetate	3.82	43	2329411	276.559	ug/l	96
24) 1,1-Dichloroethane	3.69	63	285120	51.945	ug/l	98
25) 2-Butanone	4.70	43	761765	268.095	ug/l	93
26) 2,2-Dichloropropane	4.58	77	188876	49.415	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	163392	53.349	ug/l	94
28) Bromochloromethane	5.02	49	136828	52.936	ug/l	90
29) Tetrahydrofuran	5.16	42	499181	282.656	ug/l	92
30) Chloroform	5.21	83	275882	53.181	ug/l	98
31) Cyclohexane	5.57	56	256124	60.967	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	238050	56.189	ug/l	99
36) 1,1-Dichloropropene	5.79	75	207354	52.110	ug/l	100
37) Ethyl Acetate	4.86	43	271871	51.471	ug/l	97
38) Carbon Tetrachloride	5.78	117	207637	49.640	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246836	60.749	ug/l	94
40) Benzene	6.14	78	629951	50.568	ug/l	99
41) Methacrylonitrile	5.06	41	152551	52.078	ug/l	96
42) 1,2-Dichloroethane	6.20	62	221817	50.368	ug/l	97
43) Isopropyl Acetate	6.46	43	406454	53.314	ug/l	97
44) Trichloroethene	7.21	130	165240	53.956	ug/l	94
45) 1,2-Dichloropropane	7.52	63	171650	56.187	ug/l	100
46) Dibromomethane	7.66	93	107232	55.851	ug/l	97
47) Bromodichloromethane	7.90	83	206611	57.477	ug/l	100
48) Methyl methacrylate	7.77	41	214386	61.956	ug/l	94
49) 1,4-Dioxane	7.76	88	91223	1061.133	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1444806	300.985	ug/l	96
52) Toluene	8.79	92	393187	57.439	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	232860	57.325	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	251625	59.140	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162377	54.154	ug/l	97
56) Ethyl methacrylate	9.18	69	261810	53.590	ug/l	94
57) 1,3-Dichloropropane	9.37	76	275108	55.127	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	705693	271.825	ug/l	94
59) 2-Hexanone	9.50	43	1144836	286.198	ug/l	94
60) Dibromochloromethane	9.59	129	166887	55.653	ug/l	99
61) 1,2-Dibromoethane	9.67	107	168528	52.481	ug/l	99
64) Tetrachloroethene	9.34	164	169589	52.098	ug/l	98
65) Chlorobenzene	10.14	112	437747	51.615	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	157781	52.919	ug/l	99
67) Ethyl Benzene	10.26	91	749789	55.685	ug/l	98
68) m/p-Xylenes	10.36	106	585065	111.194	ug/l	95
69) o-Xylene	10.70	106	280818	58.107	ug/l	96
70) Styrene	10.71	104	476280	52.578	ug/l	97
71) Bromoform	10.86	173	136773	53.582	ug/l	99
73) Isopropylbenzene	11.02	105	746181	57.695	ug/l	99
74) N-amyl acetate	10.90	43	380708	53.432	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	268883	51.073	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	247400m	53.795	ug/l	
77) Bromobenzene	11.26	156	201902	53.747	ug/l	97
78) n-propylbenzene	11.36	91	864902	58.285	ug/l	99
79) 2-Chlorotoluene	11.42	91	517324	55.930	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	641535	54.138	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	77801	46.293	ug/l	99
82) 4-Chlorotoluene	11.51	91	615424	56.528	ug/l	99
83) tert-Butylbenzene	11.77	119	620908	58.311	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	665631	54.469	ug/l	98
85) sec-Butylbenzene	11.94	105	756884	58.357	ug/l	98
86) p-Isopropyltoluene	12.07	119	681656	58.009	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	371882	53.016	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	376539	52.001	ug/l	99
89) n-Butylbenzene	12.39	91	610367	57.194	ug/l	97
90) Hexachloroethane	12.60	117	109439	55.937	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	377279	51.467	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62507	54.074	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	280737	54.595	ug/l	99
94) Hexachlorobutadiene	13.79	225	135130	50.677	ug/l	97
95) Naphthalene	13.83	128	909828	53.261	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288765	54.361	ug/l	99

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

