

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005139.D
 Acq On : 08 Oct 2018 20:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:52 PM

Quant Time: Oct 09 07:37:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	256542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163413	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132487	60.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.24%	
35) Dibromofluoromethane	5.49	113	107595	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.72	98	376958	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.14	95	147140	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	87945	41.81	ug/l	95
3) Chloromethane	1.32	50	132095	51.76	ug/l	100
4) Vinyl Chloride	1.41	62	125813	52.56	ug/l	97
5) Bromomethane	1.64	94	99133	69.84	ug/l	97
6) Chloroethane	1.70	64	77089	59.54	ug/l	95
7) Trichlorofluoromethane	1.92	101	144869	48.89	ug/l	96
8) Diethyl Ether	2.19	74	84797	65.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74593	44.19	ug/l	98
10) Methyl Iodide	2.50	142	99174	43.91	ug/l	92
11) Tert butyl alcohol	3.09	59	223855	363.27	ug/l	98
12) 1,1-Dichloroethene	2.37	96	90441	54.10	ug/l	96
13) Acrolein	2.29	56	79972	182.40	ug/l	94
14) Allyl chloride	2.72	41	229299	62.87	ug/l	94
15) Acrylonitrile	3.15	53	482396	355.61	ug/l	96
16) Acetone	2.45	43	425796	330.93	ug/l	93
17) Carbon Disulfide	2.56	76	213380	42.48	ug/l	99
18) Methyl Acetate	2.78	43	281488	86.35	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	414134	71.82	ug/l	95
20) Methylene Chloride	2.85	84	124815	67.00	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	98153	53.64	ug/l	84
22) Diisopropyl ether	3.87	45	423331	68.92	ug/l	95
23) Vinyl Acetate	3.83	43	1860901	331.00	ug/l	100
24) 1,1-Dichloroethane	3.69	63	212277	57.94	ug/l	99
25) 2-Butanone	4.70	43	649926	342.68	ug/l	91
26) 2,2-Dichloropropane	4.58	77	135587	53.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122944	60.14	ug/l	96
28) Bromochloromethane	5.02	49	102970	59.68	ug/l	98
29) Tetrahydrofuran	5.16	42	416196	353.07	ug/l	97
30) Chloroform	5.22	83	213075	61.54	ug/l	90
31) Cyclohexane	5.57	56	121510	43.33	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	164963	58.34	ug/l	96
36) 1,1-Dichloropropene	5.79	75	125077	42.29	ug/l	96
37) Ethyl Acetate	4.86	43	219251	55.85	ug/l	98
38) Carbon Tetrachloride	5.78	117	135475	43.57	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107288	35.52	ug/l	85
40) Benzene	6.14	78	443556	47.90	ug/l	96
41) Methacrylonitrile	5.06	41	126309	58.01	ug/l	98
42) 1,2-Dichloroethane	6.20	62	173318	52.95	ug/l	98
43) Isopropyl Acetate	6.46	43	326403	57.60	ug/l	96
44) Trichloroethene	7.21	130	112596	49.46	ug/l	99
45) 1,2-Dichloropropane	7.52	63	127736	56.25	ug/l	98
46) Dibromomethane	7.66	93	84743	59.38	ug/l	98
47) Bromodichloromethane	7.90	83	162154	60.69	ug/l	99
48) Methyl methacrylate	7.78	41	170714	66.37	ug/l	99
49) 1,4-Dioxane	7.76	88	80449	1259.02	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1209422	338.97	ug/l	99
52) Toluene	8.79	92	276877	54.42	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	179515	59.46	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	190511	60.24	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	131781	59.13	ug/l	96
56) Ethyl methacrylate	9.18	69	206000	56.56	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216101	58.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	552571	285.60	ug/l	99
59) 2-Hexanone	9.50	43	970760	326.50	ug/l	95
60) Dibromochloromethane	9.58	129	133667	59.97	ug/l	98
61) 1,2-Dibromoethane	9.68	107	133524	55.94	ug/l	97
64) Tetrachloroethene	9.33	164	106157	42.04	ug/l	95
65) Chlorobenzene	10.14	112	319346	48.54	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	124616	53.88	ug/l	99
67) Ethyl Benzene	10.26	91	518222	49.62	ug/l	96
68) m/p-Xylenes	10.36	106	404349	99.07	ug/l	94
69) o-Xylene	10.70	106	204115	54.45	ug/l	99
70) Styrene	10.71	104	356352	50.79	ug/l	100
71) Bromoform	10.86	173	115261	58.21	ug/l #	98
73) Isopropylbenzene	11.02	105	519113	50.40	ug/l	99
74) N-amyl acetate	10.90	43	301503	53.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	227287	54.21	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	205077m	55.99	ug/l	
77) Bromobenzene	11.26	156	155866	52.10	ug/l	99
78) n-propylbenzene	11.36	91	594822	50.33	ug/l	98
79) 2-Chlorotoluene	11.42	91	385085	52.28	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	448828	47.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	63308	47.26	ug/l	99
82) 4-Chlorotoluene	11.51	91	444836	51.30	ug/l	100
83) tert-Butylbenzene	11.77	119	444882	52.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	481405	49.45	ug/l	99
85) sec-Butylbenzene	11.95	105	502886	48.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	461180	49.28	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	277675	49.70	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	287269	49.81	ug/l	99
89) n-Butylbenzene	12.39	91	386361	45.46	ug/l	100
90) Hexachloroethane	12.60	117	79420	50.97	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	295812	50.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55774	60.58	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	210935	51.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	83016	39.09	ug/l	99
95) Naphthalene	13.83	128	740685	54.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	225383	53.28	ug/l	99

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

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