

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005137.D
 Acq On : 08 Oct 2018 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 07:35:11 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	207926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147886	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.50	113	116411	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
50) Toluene-d8	8.72	98	443231	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.14	95	169445	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	139072	49.06	ug/l	97
3) Chloromethane	1.32	50	154549	44.93	ug/l	100
4) Vinyl Chloride	1.40	62	157482	48.82	ug/l	99
5) Bromomethane	1.64	94	117362	61.35	ug/l	94
6) Chloroethane	1.71	64	96664	55.23	ug/l	97
7) Trichlorofluoromethane	1.92	101	209146	52.37	ug/l	94
8) Diethyl Ether	2.19	74	87261	50.29	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116407	51.17	ug/l	99
10) Methyl Iodide	2.51	142	115924	38.08	ug/l	93
11) Tert butyl alcohol	3.09	59	221895	267.18	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113776	50.50	ug/l	95
13) Acrolein	2.29	56	92639	156.78	ug/l	90
14) Allyl chloride	2.72	41	252446	51.35	ug/l	96
15) Acrylonitrile	3.15	53	485671	265.65	ug/l	97
16) Acetone	2.45	43	424339	244.71	ug/l	# 81
17) Carbon Disulfide	2.56	76	287520	42.47	ug/l	98
18) Methyl Acetate	2.78	43	281270	64.02	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	434544	55.92	ug/l	96
20) Methylene Chloride	2.85	84	131613	52.24	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	118229	47.94	ug/l	89
22) Diisopropyl ether	3.87	45	437266	52.82	ug/l	98
23) Vinyl Acetate	3.82	43	1980756	261.42	ug/l	95
24) 1,1-Dichloroethane	3.69	63	237296	48.06	ug/l	99
25) 2-Butanone	4.70	43	667454	261.12	ug/l	97
26) 2,2-Dichloropropane	4.58	77	157216	45.72	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	134392	48.78	ug/l	94
28) Bromochloromethane	5.01	49	112756	48.49	ug/l	97
29) Tetrahydrofuran	5.16	42	423412	266.52	ug/l	97
30) Chloroform	5.21	83	233348	50.00	ug/l	96
31) Cyclohexane	5.57	56	195699	51.78	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	196424	51.54	ug/l	96
36) 1,1-Dichloropropene	5.80	75	162543	46.18	ug/l	94
37) Ethyl Acetate	4.86	43	227238	48.64	ug/l	98
38) Carbon Tetrachloride	5.77	117	168897	45.65	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184637	51.38	ug/l	87
40) Benzene	6.14	78	510409	46.32	ug/l	95
41) Methacrylonitrile	5.06	41	128524	49.61	ug/l	96
42) 1,2-Dichloroethane	6.20	62	183415	47.09	ug/l	98
43) Isopropyl Acetate	6.46	43	336946	49.97	ug/l	95
44) Trichloroethene	7.21	130	137713	50.84	ug/l	98
45) 1,2-Dichloropropane	7.52	63	140481	51.99	ug/l	99
46) Dibromomethane	7.66	93	87724	51.66	ug/l	100
47) Bromodichloromethane	7.90	83	173028	54.42	ug/l	99
48) Methyl methacrylate	7.78	41	178937	58.47	ug/l	100
49) 1,4-Dioxane	7.76	88	79723	1048.50	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1233774	290.60	ug/l	99
52) Toluene	8.79	92	318534	52.61	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	192515	53.58	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	208848	55.50	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	137307	51.77	ug/l	96
56) Ethyl methacrylate	9.18	69	219448	50.94	ug/l	97
57) 1,3-Dichloropropane	9.37	76	228562	51.78	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	586895	256.45	ug/l	99
59) 2-Hexanone	9.50	43	981109	277.31	ug/l	95
60) Dibromochloromethane	9.58	129	142736	53.82	ug/l	99
61) 1,2-Dibromoethane	9.68	107	140252	49.38	ug/l	96
64) Tetrachloroethene	9.34	164	134292	46.72	ug/l	96
65) Chlorobenzene	10.14	112	364035	48.61	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	136188	51.73	ug/l	99
67) Ethyl Benzene	10.26	91	622390	52.35	ug/l	96
68) m/p-Xylenes	10.36	106	476655	102.60	ug/l	95
69) o-Xylene	10.70	106	233503	54.72	ug/l	100
70) Styrene	10.71	104	397525	49.82	ug/l	99
71) Bromoform	10.86	173	120017	53.25	ug/l	97
73) Isopropylbenzene	11.02	105	637048	54.35	ug/l	99
74) N-amyl acetate	10.90	43	314635	48.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232409	48.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	211466m	50.73	ug/l	
77) Bromobenzene	11.26	156	172086	50.54	ug/l	100
78) n-propylbenzene	11.36	91	735995	54.72	ug/l	99
79) 2-Chlorotoluene	11.42	91	438960	52.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	543254	50.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64385	42.44	ug/l	98
82) 4-Chlorotoluene	11.51	91	516742	52.37	ug/l	100
83) tert-Butylbenzene	11.77	119	552407	57.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	563330	50.85	ug/l	99
85) sec-Butylbenzene	11.94	105	654269	55.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	588982	55.30	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	320277	50.38	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	327712	49.93	ug/l	100
89) n-Butylbenzene	12.39	91	522658	54.03	ug/l	100
90) Hexachloroethane	12.60	117	95783	54.01	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	328763	49.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56977	54.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	251819	54.03	ug/l	100
94) Hexachlorobutadiene	13.79	225	123556	51.12	ug/l	99
95) Naphthalene	13.83	128	805087	52.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259225	53.84	ug/l	100

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

