

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004046.D
 Acq On : 14 Aug 2018 23:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 4:49:57 PM

Quant Time: Aug 15 14:40:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	455999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	222294	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	5.50	113	183103	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
50) Toluene-d8	8.72	98	716276	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.14	95	264725	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150563	50.79	ug/l	100
3) Chloromethane	1.32	50	176792	48.60	ug/l	99
4) Vinyl Chloride	1.40	62	195473	49.66	ug/l	100
5) Bromomethane	1.64	94	104759	52.53	ug/l	99
6) Chloroethane	1.72	64	143950	55.80	ug/l	99
7) Trichlorofluoromethane	1.93	101	270040	48.91	ug/l	95
8) Diethyl Ether	2.18	74	117760	48.85	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	166408	48.31	ug/l	99
10) Methyl Iodide	2.51	142	165524	45.49	ug/l	99
11) Tert butyl alcohol	3.04	59	217187	251.35	ug/l	99
12) 1,1-Dichloroethene	2.37	96	156583	48.87	ug/l	95
13) Acrolein	2.29	56	137443	235.13	ug/l	99
14) Allyl chloride	2.73	41	292691	48.01	ug/l	97
15) Acrylonitrile	3.14	53	548764	254.72	ug/l	100
16) Acetone	2.44	43	552305	247.57	ug/l	100
17) Carbon Disulfide	2.57	76	440888	48.52	ug/l	99
18) Methyl Acetate	2.77	43	246522	49.73	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	581623	51.53	ug/l	98
20) Methylene Chloride	2.86	84	188225	51.64	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	178663	49.10	ug/l	99
22) Diisopropyl ether	3.87	45	583019	48.81	ug/l	97
23) Vinyl Acetate	3.82	43	2591691	264.16	ug/l	99
24) 1,1-Dichloroethane	3.70	63	347002	51.29	ug/l	99
25) 2-Butanone	4.70	43	903013	248.77	ug/l	99
26) 2,2-Dichloropropane	4.59	77	204900	38.09	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	200503	49.00	ug/l	97
28) Bromochloromethane	5.03	49	157945	50.88	ug/l	99
29) Tetrahydrofuran	5.15	42	460302	248.20	ug/l	99
30) Chloroform	5.21	83	334755	50.69	ug/l	98
31) Cyclohexane	5.57	56	284384	47.95	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	281627	51.04	ug/l	99
36) 1,1-Dichloropropene	5.80	75	248316	47.86	ug/l	100
37) Ethyl Acetate	4.85	43	276635	48.96	ug/l	99
38) Carbon Tetrachloride	5.79	117	248220	49.24	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	290095	49.28	ug/l	99
40) Benzene	6.15	78	769377	49.38	ug/l	100
41) Methacrylonitrile	5.06	41	148934	47.06	ug/l	99
42) 1,2-Dichloroethane	6.20	62	267111	48.97	ug/l	100
43) Isopropyl Acetate	6.46	43	427662	51.35	ug/l	100
44) Trichloroethene	7.21	130	204728	48.40	ug/l	97
45) 1,2-Dichloropropane	7.52	63	199939	50.13	ug/l	99
46) Dibromomethane	7.67	93	129822	49.80	ug/l	99
47) Bromodichloromethane	7.90	83	251116	50.87	ug/l	98
48) Methyl methacrylate	7.78	41	222630	53.10	ug/l	98
49) 1,4-Dioxane	7.76	88	98653	1045.09	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1812057	265.33	ug/l	100
52) Toluene	8.79	92	496900	50.43	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	271811	50.96	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	297023	50.29	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	201646	49.55	ug/l	99
56) Ethyl methacrylate	9.18	69	297463	53.76	ug/l	99
57) 1,3-Dichloropropane	9.37	76	341923	50.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	771253	273.71	ug/l	99
59) 2-Hexanone	9.50	43	1383827	269.24	ug/l	100
60) Dibromochloromethane	9.59	129	202303	51.66	ug/l	99
61) 1,2-Dibromoethane	9.68	107	210911	50.84	ug/l	100
64) Tetrachloroethene	9.34	164	205032	50.46	ug/l	93
65) Chlorobenzene	10.14	112	529676	47.83	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	194946	51.62	ug/l	98
67) Ethyl Benzene	10.26	91	913049	52.07	ug/l	97
68) m/p-Xylenes	10.36	106	717939	104.56	ug/l	98
69) o-Xylene	10.70	106	345599	52.67	ug/l	96
70) Styrene	10.71	104	589929	53.42	ug/l	98
71) Bromoform	10.86	173	156293	52.19	ug/l	99
73) Isopropylbenzene	11.02	105	953306	52.03	ug/l	97
74) N-amyl acetate	6.46	43	427662	49.62	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	312241	48.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	279646m	51.50	ug/l	
77) Bromobenzene	11.26	156	250570	49.61	ug/l	98
78) n-propylbenzene	11.36	91	1077656	52.55	ug/l	99
79) 2-Chlorotoluene	11.42	91	612173	48.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	756534	50.42	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	83154	47.40	ug/l	98
82) 4-Chlorotoluene	11.51	91	721162	48.82	ug/l	100
83) tert-Butylbenzene	11.77	119	783654	51.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	794712	51.14	ug/l	98
85) sec-Butylbenzene	11.94	105	931003	52.58	ug/l	99
86) p-Isopropyltoluene	12.07	119	842042	52.53	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	465571	48.33	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	459714	46.37	ug/l	99
89) n-Butylbenzene	12.39	91	681582	53.96	ug/l	98
90) Hexachloroethane	12.60	117	116655	48.64	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	435392	50.11	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56451	50.20	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	302243	50.89	ug/l	98
94) Hexachlorobutadiene	13.79	225	138745	46.60	ug/l	98
95) Naphthalene	13.83	128	957219	50.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	316810	48.92	ug/l	99

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

