

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003237.D
 Acq On : 07 Jul 2018 02:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:56:56 PM

Quant Time: Jul 07 03:25:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	123106	36.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.44%	
35) Dibromofluoromethane	5.51	113	107282	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
50) Toluene-d8	8.72	98	364875	38.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.30%	
62) 4-Bromofluorobenzene	11.14	95	145506	39.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	110899	51.222	ug/l	98
3) Chloromethane	1.32	50	118899	52.955	ug/l	98
4) Vinyl Chloride	1.40	62	130086	47.429	ug/l	96
5) Bromomethane	1.64	94	41781	31.634	ug/l	96
6) Chloroethane	1.71	64	79213	49.192	ug/l	100
7) Trichlorofluoromethane	1.92	101	205980	44.522	ug/l	94
8) Diethyl Ether	2.19	74	77844	46.282	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119764	44.675	ug/l	96
10) Methyl Iodide	2.51	142	121273	45.280	ug/l	96
11) Tert butyl alcohol	3.09	59	157342	235.616	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110136	46.047	ug/l	89
13) Acrolein	2.29	56	71239	193.398	ug/l	98
14) Allyl chloride	2.73	41	205386	43.561	ug/l	94
15) Acrylonitrile	3.15	53	343088	240.533	ug/l	100
16) Acetone	2.45	43	315136	227.003	ug/l	95
17) Carbon Disulfide	2.57	76	272044	42.688	ug/l	99
18) Methyl Acetate	2.78	43	174835	45.045	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	396070	46.061	ug/l	100
20) Methylene Chloride	2.85	84	129669	47.999	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	117548	45.122	ug/l	96
22) Diisopropyl ether	3.88	45	408923	45.373	ug/l	97
23) Vinyl Acetate	3.82	43	1740057	228.009	ug/l	100
24) 1,1-Dichloroethane	3.70	63	226453	46.229	ug/l	99
25) 2-Butanone	4.71	43	544910	264.482	ug/l	96
26) 2,2-Dichloropropane	4.59	77	139154	34.935	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	153158	52.435	ug/l	90
28) Bromochloromethane	5.03	49	117114	49.949	ug/l	90
29) Tetrahydrofuran	5.17	42	348741	263.955	ug/l	96
30) Chloroform	5.22	83	256483	51.019	ug/l	94
31) Cyclohexane	5.57	56	204803	48.717	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	222727	50.356	ug/l	98
36) 1,1-Dichloropropene	5.80	75	179605	49.527	ug/l	98
37) Ethyl Acetate	4.87	43	208526	53.405	ug/l	99
38) Carbon Tetrachloride	5.78	117	199714	50.185	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205750	48.709	ug/l	97
40) Benzene	6.15	78	547157	51.929	ug/l	100
41) Methacrylonitrile	5.07	41	119220	53.024	ug/l	97
42) 1,2-Dichloroethane	6.20	62	206777	48.581	ug/l	98
43) Isopropyl Acetate	6.47	43	330957	50.540	ug/l	97
44) Trichloroethene	7.21	130	161663	51.461	ug/l	98
45) 1,2-Dichloropropane	7.52	63	143104	51.200	ug/l	99
46) Dibromomethane	7.67	93	99118	51.099	ug/l	95
47) Bromodichloromethane	7.90	83	188444	52.551	ug/l	97
48) Methyl methacrylate	7.78	41	172197	51.034	ug/l	93
49) 1,4-Dioxane	7.76	88	73505	1119.712	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1091619	266.437	ug/l	96
52) Toluene	8.79	92	350040	51.857	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	209332	51.545	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	193933	49.630	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	147611	53.217	ug/l	98
56) Ethyl methacrylate	9.18	69	217435	53.637	ug/l	92
57) 1,3-Dichloropropane	9.38	76	240190	52.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	490438	250.773	ug/l	97
59) 2-Hexanone	9.50	43	830961	266.862	ug/l	96
60) Dibromochloromethane	9.59	129	159301	54.556	ug/l	99
61) 1,2-Dibromoethane	9.68	107	155791	53.548	ug/l	99
64) Tetrachloroethene	9.34	164	202646	57.287	ug/l	99
65) Chlorobenzene	10.14	112	410895	50.851	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	154845	52.752	ug/l	99
67) Ethyl Benzene	10.26	91	680525	50.983	ug/l	100
68) m/p-Xylenes	10.36	106	530913	103.203	ug/l	98
69) o-Xylene	10.70	106	260864	52.078	ug/l	97
70) Styrene	10.71	104	441338	54.223	ug/l	99
71) Bromoform	10.86	173	126749	47.963	ug/l	100
73) Isopropylbenzene	11.02	105	708478	52.002	ug/l	99
74) N-amyl acetate	6.47	43	330957	49.648	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	215649	51.385	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	214162m	58.381	ug/l	
77) Bromobenzene	11.26	156	199800	51.498	ug/l	96
78) n-propylbenzene	11.37	91	788454	50.842	ug/l	98
79) 2-Chlorotoluene	11.43	91	469925	50.051	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	594186	51.782	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54372	43.475	ug/l	96
82) 4-Chlorotoluene	11.51	91	552325	49.692	ug/l	98
83) tert-Butylbenzene	11.77	119	573176	50.684	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	610041	51.311	ug/l	98
85) sec-Butylbenzene	11.95	105	700989	51.096	ug/l	99
86) p-Isopropyltoluene	12.07	119	635066	51.488	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	357186	50.407	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362812	49.753	ug/l	98
89) n-Butylbenzene	12.39	91	519909	48.429	ug/l	99
90) Hexachloroethane	12.60	117	94201	51.347	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	365186	51.061	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48160	51.047	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	271403	52.142	ug/l	100
94) Hexachlorobutadiene	13.79	225	128848	49.632	ug/l	100
95) Naphthalene	13.84	128	769240	55.487	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284159	54.657	ug/l	99

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

