

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001504.D
 Acq On : 08 May 2018 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:11:31 PM

Quant Time: May 08 13:52:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179868	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	5.51	113	146089	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.72	98	534023	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.14	95	208013	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	179323	51.39	ug/l	99
3) Chloromethane	1.32	50	162030	47.68	ug/l	99
4) Vinyl Chloride	1.40	62	167279	47.16	ug/l	98
5) Bromomethane	1.64	94	82325	50.76	ug/l	99
6) Chloroethane	1.72	64	108617	46.33	ug/l	97
7) Trichlorofluoromethane	1.93	101	269277	50.45	ug/l	100
8) Diethyl Ether	2.19	74	98455	47.06	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	158821	50.75	ug/l	99
10) Methyl Iodide	2.51	142	217231	48.11	ug/l	99
11) Tert butyl alcohol	3.07	59	168202	214.12	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136915	47.73	ug/l	99
13) Acrolein	2.29	56	38414	247.96	ug/l	96
14) Allyl chloride	2.73	41	256339	47.93	ug/l	97
15) Acrylonitrile	3.15	53	402212	226.58	ug/l	100
16) Acetone	2.45	43	409350	241.95	ug/l	99
17) Carbon Disulfide	2.57	76	338326	46.35	ug/l	99
18) Methyl Acetate	2.78	43	211997	47.69	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	483766	48.44	ug/l	100
20) Methylene Chloride	2.85	84	152643	45.57	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	149184	46.60	ug/l	96
22) Diisopropyl ether	3.87	45	493095	49.35	ug/l	98
23) Vinyl Acetate	3.82	43	2136158	256.51	ug/l	100
24) 1,1-Dichloroethane	3.70	63	271384	48.62	ug/l	99
25) 2-Butanone	4.71	43	577198	236.02	ug/l	98
26) 2,2-Dichloropropane	4.59	77	225683	52.36	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	166823	48.93	ug/l	97
28) Bromochloromethane	5.02	49	123369	50.98	ug/l	98
29) Tetrahydrofuran	5.17	42	361632	231.11	ug/l	100
30) Chloroform	5.22	83	290186	50.47	ug/l	97
31) Cyclohexane	5.58	56	244368	50.97	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	260583	51.85	ug/l	100
36) 1,1-Dichloropropene	5.80	75	214969	52.70	ug/l	99
37) Ethyl Acetate	4.86	43	219272	49.04	ug/l	99
38) Carbon Tetrachloride	5.79	117	240077	55.18	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	266936	55.35	ug/l	99
40) Benzene	6.15	78	626337	52.57	ug/l	99
41) Methacrylonitrile	5.06	41	126045	49.27	ug/l	99
42) 1,2-Dichloroethane	6.20	62	244499	53.39	ug/l	99
43) Isopropyl Acetate	6.47	43	357841	52.13	ug/l	100
44) Trichloroethene	7.21	130	194954	53.53	ug/l	99
45) 1,2-Dichloropropane	7.52	63	155652	52.40	ug/l	98
46) Dibromomethane	7.66	93	111306	52.93	ug/l	99
47) Bromodichloromethane	7.90	83	214704	55.17	ug/l	98
48) Methyl methacrylate	7.78	41	194773	52.11	ug/l	100
49) 1,4-Dioxane	7.76	88	76572	948.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1177573	258.16	ug/l	100
52) Toluene	8.79	92	421292	54.08	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	250919	57.05	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	236240	51.87	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	169543	54.02	ug/l	98
56) Ethyl methacrylate	9.18	69	248121	54.84	ug/l	99
57) 1,3-Dichloropropane	9.38	76	277663	53.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	625605	281.92	ug/l	100
59) 2-Hexanone	9.50	43	919914	263.37	ug/l	99
60) Dibromochloromethane	9.59	129	185975	57.86	ug/l	99
61) 1,2-Dibromoethane	9.68	107	179941	54.60	ug/l	99
64) Tetrachloroethene	9.34	164	241844	54.95	ug/l	98
65) Chlorobenzene	10.14	112	484833	52.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	182470	55.09	ug/l	99
67) Ethyl Benzene	10.26	91	818732	53.95	ug/l	99
68) m/p-Xylenes	10.37	106	664782	110.85	ug/l	99
69) o-Xylene	10.70	106	315890	54.20	ug/l	99
70) Styrene	10.72	104	533095	56.30	ug/l	99
71) Bromoform	10.86	173	148599	46.89	ug/l	99
73) Isopropylbenzene	11.02	105	844604	52.20	ug/l	99
74) N-amyl acetate	6.47	43	357841	48.69	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	233758	48.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	236072m	49.80	ug/l	
77) Bromobenzene	11.26	156	234081	49.76	ug/l	100
78) n-propylbenzene	11.37	91	957448	54.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	561163	51.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	716839	53.21	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67538	45.82	ug/l	98
82) 4-Chlorotoluene	11.52	91	662334	52.95	ug/l	100
83) tert-Butylbenzene	11.77	119	690930	51.55	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	737334	53.26	ug/l	100
85) sec-Butylbenzene	11.95	105	881965	54.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	818935	55.49	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	440199	52.35	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	445996	52.00	ug/l	100
89) n-Butylbenzene	12.40	91	692100	56.60	ug/l	100
90) Hexachloroethane	12.60	117	122168	54.97	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	438968	51.31	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54756	52.15	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	344940	55.10	ug/l	100
94) Hexachlorobutadiene	13.79	225	189931	55.45	ug/l	99
95) Naphthalene	13.84	128	929635	53.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	346120	53.88	ug/l	100

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

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