

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000756.D
 Acq On : 10 Apr 2018 18:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:46 AM

Quant Time: Apr 11 08:39:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	164001	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.51	113	138155	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.73	98	505353	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.15	95	206059	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	154801	51.38	ug/l	99
3) Chloromethane	1.32	50	125098	48.43	ug/l	100
4) Vinyl Chloride	1.40	62	146154	50.30	ug/l	99
5) Bromomethane	1.64	94	60087	49.96	ug/l	99
6) Chloroethane	1.72	64	86119	48.90	ug/l	100
7) Trichlorofluoromethane	1.93	101	219516	50.07	ug/l	98
8) Diethyl Ether	2.19	74	82489	50.37	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	129422	50.07	ug/l	99
10) Methyl Iodide	2.51	142	82226	42.38	ug/l	99
11) Tert butyl alcohol	3.08	59	154971	259.37	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119952	48.97	ug/l	95
13) Acrolein	2.30	56	70411	242.67	ug/l	98
14) Allyl chloride	2.73	41	224381	49.54	ug/l	99
15) Acrylonitrile	3.15	53	330773	259.66	ug/l	99
16) Acetone	2.45	43	302368	260.54	ug/l	100
17) Carbon Disulfide	2.57	76	354767	47.83	ug/l	100
18) Methyl Acetate	2.78	43	157085	52.30	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	416279	51.02	ug/l	99
20) Methylene Chloride	2.86	84	134485	49.82	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	131232	48.58	ug/l	100
22) Diisopropyl ether	3.88	45	437497	52.56	ug/l	99
23) Vinyl Acetate	3.83	43	1937228	265.06	ug/l	99
24) 1,1-Dichloroethane	3.70	63	243997	52.24	ug/l	100
25) 2-Butanone	4.71	43	503190	262.56	ug/l	99
26) 2,2-Dichloropropane	4.59	77	228004	49.18	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	154025	50.24	ug/l	100
28) Bromochloromethane	5.03	49	93892	49.92	ug/l	97
29) Tetrahydrofuran	5.18	42	314528	258.48	ug/l	100
30) Chloroform	5.23	83	251489	50.85	ug/l	99
31) Cyclohexane	5.59	56	216745	48.86	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	240151	50.97	ug/l	100
36) 1,1-Dichloropropene	5.81	75	192617	47.82	ug/l	99
37) Ethyl Acetate	4.87	43	197112	50.12	ug/l	100
38) Carbon Tetrachloride	5.79	117	222244	49.29	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	230026	47.55	ug/l	99
40) Benzene	6.15	78	550216	49.16	ug/l	100
41) Methacrylonitrile	5.07	41	112190	49.38	ug/l	99
42) 1,2-Dichloroethane	6.21	62	205238	49.10	ug/l	99
43) Isopropyl Acetate	6.48	43	336077	49.85	ug/l	100
44) Trichloroethene	7.22	130	168718	48.47	ug/l	95
45) 1,2-Dichloropropane	7.52	63	140408	49.26	ug/l	99
46) Dibromomethane	7.67	93	97081	48.86	ug/l	100
47) Bromodichloromethane	7.91	83	199765	49.81	ug/l	100
48) Methyl methacrylate	7.79	41	175320	50.17	ug/l	99
49) 1,4-Dioxane	7.76	88	70336	1001.52	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1006397	254.12	ug/l	100
52) Toluene	8.79	92	362153	48.77	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	239267	49.74	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	234549	50.07	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	144309	48.95	ug/l	99
56) Ethyl methacrylate	9.19	69	225359	49.56	ug/l	100
57) 1,3-Dichloropropane	9.38	76	234433	50.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	559607	263.39	ug/l	100
59) 2-Hexanone	9.51	43	780955	255.43	ug/l	100
60) Dibromochloromethane	9.59	129	177921	50.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	154395	49.37	ug/l	100
64) Tetrachloroethene	9.34	164	166344	49.38	ug/l	99
65) Chlorobenzene	10.15	112	425087	49.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	162552	49.83	ug/l	100
67) Ethyl Benzene	10.26	91	710125	49.14	ug/l	100
68) m/p-Xylenes	10.37	106	561999	98.53	ug/l	100
69) o-Xylene	10.71	106	273229	49.70	ug/l	100
70) Styrene	10.72	104	462128	49.86	ug/l	100
71) Bromoform	10.87	173	154137	51.03	ug/l	99
73) Isopropylbenzene	11.02	105	738079	49.98	ug/l	100
74) N-amyl acetate	6.48	43	336077	50.54	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	214859	50.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	200740m	50.01	ug/l	
77) Bromobenzene	11.26	156	214061	49.46	ug/l	99
78) n-propylbenzene	11.37	91	828509	49.05	ug/l	100
79) 2-Chlorotoluene	11.43	91	490783	49.16	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	630764	49.67	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	72398	49.61	ug/l	99
82) 4-Chlorotoluene	11.52	91	587155	48.73	ug/l	100
83) tert-Butylbenzene	11.78	119	649395	49.98	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	651446	49.69	ug/l	100
85) sec-Butylbenzene	11.95	105	760766	49.63	ug/l	100
86) p-Isopropyltoluene	12.07	119	705785	49.38	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	393812	49.16	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	399897	48.71	ug/l	99
89) n-Butylbenzene	12.40	91	619610	49.11	ug/l	100
90) Hexachloroethane	12.60	117	120652	49.89	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	382446	49.46	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53277	49.62	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	323926	49.09	ug/l	100
94) Hexachlorobutadiene	13.79	225	159854	49.27	ug/l	100
95) Naphthalene	13.84	128	858206	50.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	318018	49.62	ug/l	99

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

