

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050618\
 Data File : VX001459.D
 Acq On : 06 May 2018 21:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/18/2018 2:17:35 PM

Quant Time: May 07 07:44:57 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	262578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	350247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	241484	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187350	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	5.51	113	154375	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
50) Toluene-d8	8.72	98	568268	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.14	95	214786	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	183777	51.99	ug/l	99
3) Chloromethane	1.32	50	174286	50.63	ug/l	99
4) Vinyl Chloride	1.40	62	185413	51.61	ug/l	99
5) Bromomethane	1.64	94	89045	54.46	ug/l	99
6) Chloroethane	1.71	64	120052	50.55	ug/l	100
7) Trichlorofluoromethane	1.93	101	279380	51.67	ug/l	100
8) Diethyl Ether	2.19	74	108337	51.12	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	154896	48.86	ug/l	99
10) Methyl Iodide	2.51	142	250761	54.82	ug/l	100
11) Tert butyl alcohol	3.09	59	205396	258.13	ug/l	100
12) 1,1-Dichloroethene	2.37	96	148984	51.28	ug/l	99
13) Acrolein	2.30	56	41582	265.83	ug/l	98
14) Allyl chloride	2.73	41	278673	51.44	ug/l	99
15) Acrylonitrile	3.15	53	453819	252.39	ug/l	99
16) Acetone	2.45	43	404344	235.94	ug/l	99
17) Carbon Disulfide	2.57	76	381844	51.64	ug/l	99
18) Methyl Acetate	2.78	43	232613	51.66	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	525560	51.95	ug/l	99
20) Methylene Chloride	2.86	84	169053	49.82	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	163272	50.35	ug/l	99
22) Diisopropyl ether	3.88	45	526611	52.03	ug/l	98
23) Vinyl Acetate	3.83	43	2231715	264.56	ug/l	100
24) 1,1-Dichloroethane	3.70	63	275838	48.79	ug/l	100
25) 2-Butanone	4.71	43	625127	252.35	ug/l	100
26) 1,2-Dichloropropane	4.59	77	193068	44.22	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	179815	52.07	ug/l	96
28) Bromochloromethane	5.03	49	125014	51.00	ug/l	99
29) Tetrahydrofuran	5.17	42	407149	256.88	ug/l	100
30) Chloroform	5.23	83	307786	52.84	ug/l	97
31) Cyclohexane	5.58	56	250905	51.67	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	277584	54.53	ug/l	100
36) 1,1-Dichloropropene	5.81	75	224159	50.31	ug/l	99
37) Ethyl Acetate	4.87	43	243431	49.84	ug/l	100
38) Carbon Tetrachloride	5.79	117	248150	52.22	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	258406	49.06	ug/l	98
40) Benzene	6.15	78	668585	51.38	ug/l	99
41) Methacrylonitrile	5.07	41	140465	50.27	ug/l	99
42) 1,2-Dichloroethane	6.20	62	257220	51.43	ug/l	100
43) Isopropyl Acetate	6.48	43	392220	52.32	ug/l	99
44) Trichloroethene	7.22	130	204107	51.32	ug/l	98
45) 1,2-Dichloropropane	7.52	63	165373	50.97	ug/l	99
46) Dibromomethane	7.67	93	117064	50.97	ug/l	99
47) Bromodichloromethane	7.90	83	228322	53.72	ug/l	100
48) Methyl methacrylate	7.79	41	209797	51.39	ug/l	99
49) 1,4-Dioxane	7.76	88	91643	1039.05	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1303235	261.59	ug/l	99
52) Toluene	8.79	92	448301	52.69	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	260554	54.24	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	238534	48.12	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	175285	51.13	ug/l	99
56) Ethyl methacrylate	9.19	69	261740	52.97	ug/l	100
57) 1,3-Dichloropropane	9.38	76	290226	51.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	644941	266.10	ug/l	99
59) 2-Hexanone	9.51	43	974002	255.31	ug/l	99
60) Dibromochloromethane	9.59	129	191912	54.67	ug/l	98
61) 1,2-Dibromoethane	9.68	107	189202	52.57	ug/l	99
64) Tetrachloroethene	9.34	164	243319	52.00	ug/l	98
65) Chlorobenzene	10.14	112	501994	50.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	186997	53.10	ug/l	99
67) Ethyl Benzene	10.26	91	837942	51.93	ug/l	100
68) m/p-Xylenes	10.37	106	673073	105.57	ug/l	99
69) o-Xylene	10.70	106	327198	52.80	ug/l	99
70) Styrene	10.72	104	541758	53.82	ug/l	99
71) Bromoform	10.86	173	157910	46.87	ug/l	99
73) Isopropylbenzene	11.02	105	872665	52.20	ug/l	100
74) N-amyl acetate	6.48	43	392220	51.65	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	255117	51.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	248515m	50.74	ug/l	
77) Bromobenzene	11.26	156	249605	51.36	ug/l	99
78) n-propylbenzene	11.37	91	969690	53.27	ug/l	100
79) 2-Chlorotoluene	11.43	91	578724	51.66	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	736007	52.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66588	43.92	ug/l	98
82) 4-Chlorotoluene	11.52	91	678237	52.48	ug/l	100
83) tert-Butylbenzene	11.77	119	719233	51.93	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	758963	53.06	ug/l	100
85) sec-Butylbenzene	11.95	105	886827	53.35	ug/l	99
86) p-Isopropyltoluene	12.07	119	815591	53.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	449510	51.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	451653	50.97	ug/l	100
89) n-Butylbenzene	12.40	91	663430	52.51	ug/l	100
90) Hexachloroethane	12.60	117	125519	54.67	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	451943	51.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58760	54.17	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	341188	52.75	ug/l	100
94) Hexachlorobutadiene	13.79	225	176762	49.95	ug/l	100
95) Naphthalene	13.84	128	980064	54.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	351113	52.90	ug/l	99

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

