

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001659.D
 Acq On : 12 May 2018 10:39
 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

apatel
 5/15/2018 6:31:40 PM

Quant Time: May 14 06:24:53 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	259644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218773	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156921	42.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.10%	
35) Dibromofluoromethane	5.51	113	134475	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	8.72	98	474106	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	11.14	95	182270	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	163905	46.89	ug/l	100
3) Chloromethane	1.32	50	147540	43.34	ug/l	99
4) Vinyl Chloride	1.40	62	162846	45.84	ug/l	98
5) Bromomethane	1.64	94	66600	40.29	ug/l	100
6) Chloroethane	1.72	64	104911	44.67	ug/l	100
7) Trichlorofluoromethane	1.93	101	255940	47.87	ug/l	100
8) Diethyl Ether	2.19	74	98605	47.05	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	154699	49.35	ug/l	99
10) Methyl Iodide	2.51	142	161959	35.81	ug/l	100
11) Tert butyl alcohol	3.07	59	161588	205.37	ug/l	100
12) 1,1-Dichloroethene	2.37	96	134914	46.96	ug/l	99
13) Acrolein	2.29	56	22919	142.75	ug/l	95
14) Allyl chloride	2.73	41	256064	47.80	ug/l	100
15) Acrylonitrile	3.15	53	392741	220.89	ug/l	100
16) Acetone	2.45	43	441994	260.83	ug/l	99
17) Carbon Disulfide	2.57	76	317360	43.40	ug/l	99
18) Methyl Acetate	2.78	43	220782	49.59	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	483387	48.32	ug/l	99
20) Methylene Chloride	2.86	84	150757	44.93	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	144769	45.15	ug/l	98
22) Diisopropyl ether	3.87	45	495872	49.54	ug/l	98
23) Vinyl Acetate	3.82	43	2061437	247.14	ug/l	100
24) 1,1-Dichloroethane	3.70	63	272970	48.82	ug/l	100
25) 2-Butanone	4.71	43	589413	240.62	ug/l	99
26) 2,2-Dichloropropane	4.59	77	239403	55.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	171484	50.22	ug/l	96
28) Bromochloromethane	5.02	49	124977	51.56	ug/l	99
29) Tetrahydrofuran	5.17	42	347347	221.63	ug/l	100
30) Chloroform	5.22	83	292204	50.74	ug/l	97
31) Cyclohexane	5.58	56	237415	49.44	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	262497	52.15	ug/l	100
36) 1,1-Dichloropropene	5.80	75	212826	52.34	ug/l	99
37) Ethyl Acetate	4.86	43	214259	48.07	ug/l	100
38) Carbon Tetrachloride	5.79	117	236910	54.63	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	258158	53.70	ug/l	99
40) Benzene	6.15	78	620966	52.28	ug/l	99
41) Methacrylonitrile	5.07	41	125036	49.03	ug/l	100
42) 1,2-Dichloroethane	6.20	62	236008	51.70	ug/l	100
43) Isopropyl Acetate	6.47	43	349628	51.09	ug/l	100
44) Trichloroethene	7.21	130	193009	53.16	ug/l	99
45) 1,2-Dichloropropane	7.52	63	159287	53.79	ug/l	99
46) Dibromomethane	7.67	93	108461	51.74	ug/l	99
47) Bromodichloromethane	7.90	83	217519	56.07	ug/l	99
48) Methyl methacrylate	7.78	41	189366	50.82	ug/l	98
49) 1,4-Dioxane	7.76	88	70067	870.38	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1142496	251.25	ug/l	100
52) Toluene	8.79	92	416378	53.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	253877	57.90	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	233607	51.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	167692	53.60	ug/l	98
56) Ethyl methacrylate	9.18	69	242634	53.80	ug/l	100
57) 1,3-Dichloropropane	9.38	76	266761	51.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	618089	279.40	ug/l	100
59) 2-Hexanone	9.50	43	865362	248.52	ug/l	99
60) Dibromochloromethane	9.59	129	179222	55.93	ug/l	100
61) 1,2-Dibromoethane	9.68	107	168916	51.42	ug/l	99
64) Tetrachloroethene	9.34	164	232424	55.75	ug/l	99
65) Chlorobenzene	10.14	112	463164	52.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	175409	55.90	ug/l	100
67) Ethyl Benzene	10.26	91	772464	53.73	ug/l	100
68) m/p-Xylenes	10.37	106	619696	109.08	ug/l	99
69) o-Xylene	10.70	106	296816	53.76	ug/l	99
70) Styrene	10.72	104	494683	55.15	ug/l	99
71) Bromoform	10.86	173	143991	47.88	ug/l	100
73) Isopropylbenzene	11.02	105	818344	54.03	ug/l	99
74) N-amyl acetate	6.47	43	349628	50.83	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	224330	50.15	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	226686m	51.09	ug/l	
77) Bromobenzene	11.26	156	225491	51.21	ug/l	99
78) n-propylbenzene	11.37	91	925279	56.10	ug/l	99
79) 2-Chlorotoluene	11.43	91	539553	53.16	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	683738	54.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	65559	47.36	ug/l	98
82) 4-Chlorotoluene	11.52	91	626718	53.53	ug/l	99
83) tert-Butylbenzene	11.77	119	678152	54.05	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	705437	54.43	ug/l	99
85) sec-Butylbenzene	11.95	105	846717	56.22	ug/l	99
86) p-Isopropyltoluene	12.07	119	783883	56.74	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	417135	53.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	423188	52.71	ug/l	100
89) n-Butylbenzene	12.40	91	652735	57.02	ug/l	100
90) Hexachloroethane	12.60	117	120676	58.01	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	424074	52.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51295	52.19	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	331951	56.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	180148	56.19	ug/l	99
95) Naphthalene	13.84	128	874370	53.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	330782	55.01	ug/l	100

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

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