

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001414.D
 Acq On : 05 May 2018 12:31
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:27 AM

Quant Time: May 06 07:48:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	20524	5.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.68%	
35) Dibromofluoromethane	5.51	113	15812	5.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.76%	
50) Toluene-d8	8.72	98	56461	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	
62) 4-Bromofluorobenzene	11.14	95	19822	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	14815	5.151	ug/l 98
3) Chloromethane	1.32	50	16083	5.687	ug/l 99
4) Vinyl Chloride	1.40	62	17064	5.767	ug/l 97
5) Bromomethane	1.64	94	9794	4.203	ug/l 98
6) Chloroethane	1.72	64	11681	6.180	ug/l 92
7) Trichlorofluoromethane	1.92	101	26405	5.382	ug/l 96
8) Diethyl Ether	2.19	74	10331	6.006	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	15761	5.547	ug/l 99
10) Methyl Iodide	2.51	142	19825	6.336	ug/l 98
11) Tert butyl alcohol	3.09	59	20394	32.509	ug/l 97
12) 1,1-Dichloroethene	2.37	96	14101	5.488	ug/l 97
13) Acrolein	2.30	56	7558	24.563	ug/l 90
14) Allyl chloride	2.73	41	25849	5.701	ug/l 98
15) Acrylonitrile	3.15	53	44117	30.582	ug/l 97
16) Acetone	2.45	43	41577	27.675	ug/l 100
17) Carbon Disulfide	2.57	76	32522	4.845	ug/l 98
18) Methyl Acetate	2.78	43	22382	6.189	ug/l 99
19) Methyl tert-butyl Ether	3.21	73	50585	5.775	ug/l 99
20) Methylene Chloride	2.86	84	17382	5.315	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	16149	5.762	ug/l 92
22) Diisopropyl ether	3.88	45	47331	5.447	ug/l 96
23) Vinyl Acetate	3.83	43	194744	26.476	ug/l 100
24) 1,1-Dichloroethane	3.70	63	27926	5.755	ug/l 98
25) 2-Butanone	4.72	43	59306	28.737	ug/l 98
26) 2,2-Dichloropropane	4.59	77	19689	5.021	ug/l 97
27) cis-1,2-Dichloroethene	4.60	96	17175	5.596	ug/l 80
28) Bromochloromethane	5.03	49	12118	5.645	ug/l 96
29) Tetrahydrofuran	5.18	42	37644	29.426	ug/l 99
30) Chloroform	5.22	83	28247	5.532	ug/l 92
31) Cyclohexane	5.57	56	22740	5.213	ug/l 96
32) 1,1,1-Trichloroethane	5.50	97	23722	5.315	ug/l 98
36) 1,1-Dichloropropene	5.80	75	20487	5.133	ug/l 98
37) Ethyl Acetate	4.87	43	22523	5.523	ug/l 99
38) Carbon Tetrachloride	5.79	117	20992	4.999	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	23448	4.965	ug/l	98
40) Benzene	6.15	78	61807	5.375	ug/l	99
41) Methacrylonitrile	5.07	41	13161	5.555	ug/l	97
42) 1,2-Dichloroethane	6.20	62	24903	5.588	ug/l	98
43) Isopropyl Acetate	6.47	43	33052	5.055	ug/l	100
44) Trichloroethene	7.22	130	19039	5.411	ug/l	98
45) 1,2-Dichloropropane	7.53	63	15613	5.331	ug/l	96
46) Dibromomethane	7.67	93	11088	5.376	ug/l	95
47) Bromodichloromethane	7.90	83	18826	5.071	ug/l	95
48) Methyl methacrylate	7.79	41	18783	5.366	ug/l	98
49) 1,4-Dioxane	7.76	88	8359	123.611	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	115373	27.282	ug/l	100
52) Toluene	8.79	92	40134	5.337	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	19803	4.503	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	16699	4.144	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	16110	5.331	ug/l	95
56) Ethyl methacrylate	9.19	69	21349	5.049	ug/l	97
57) 1,3-Dichloropropane	9.38	76	26702	5.452	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	54649	26.598	ug/l	100
59) 2-Hexanone	9.51	43	87327	26.504	ug/l	96
60) Dibromochloromethane	9.59	129	14083	4.446	ug/l	99
61) 1,2-Dibromoethane	9.68	107	16536	5.151	ug/l	96
64) Tetrachloroethene	9.34	164	22873	5.830	ug/l	98
65) Chlorobenzene	10.15	112	45753	5.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	15738	5.109	ug/l	98
67) Ethyl Benzene	10.26	91	73681	5.063	ug/l	99
68) m/p-Xylenes	10.37	106	57130	9.958	ug/l	99
69) o-Xylene	10.70	106	27744	4.970	ug/l	94
70) Styrene	10.72	104	43524	4.771	ug/l	99
71) Bromoform	10.86	173	10812	4.158	ug/l #	98
73) Isopropylbenzene	11.02	105	73994	5.106	ug/l	99
74) N-amyl acetate	6.47	43	33052	5.297	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	21863	5.077	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	22382m	5.587	ug/l	
77) Bromobenzene	11.26	156	21983	5.284	ug/l	98
78) n-propylbenzene	11.37	91	80553	5.020	ug/l	99
79) 2-Chlorotoluene	11.43	91	50149	5.171	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	62349	5.151	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	4155	3.962	ug/l #	76
82) 4-Chlorotoluene	11.52	91	56172	4.843	ug/l	100
83) tert-Butylbenzene	11.77	119	60387	5.004	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	61892	4.983	ug/l	98
85) sec-Butylbenzene	11.95	105	72487	5.010	ug/l	99
86) p-Isopropyltoluene	12.07	119	64877	4.880	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	38463	4.947	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	38539	4.826	ug/l	92
89) n-Butylbenzene	12.40	91	50203	4.364	ug/l	98
90) Hexachloroethane	12.60	117	8472	4.398	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	39674	5.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4231	4.805	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	26302	4.251	ug/l	99
94) Hexachlorobutadiene	13.79	225	14948	4.604	ug/l	98
95) Naphthalene	13.84	128	73864	4.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	27885	4.572	ug/l	99

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

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