

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\
 Data File : VX000087.D
 Acq On : 14 Feb 2018 15:19
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDIC005

Manual Integrations
 APPROVED

sam
 2/16/2018 1:20:28 PM

Quant Time: Feb 15 03:09:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 02:51:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	197659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	106844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	150565	116.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	233.06%	
35) Dibromofluoromethane	5.51	113	122663	105.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	210.60%	
50) Toluene-d8	8.73	98	489414	111.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.68%	
62) 4-Bromofluorobenzene	11.15	95	185660	104.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	5818	5.24	ug/l	100
3) Chloromethane	1.32	50	5823	5.23	ug/l	98
4) Vinyl Chloride	1.40	62	6861	5.45	ug/l	96
5) Bromomethane	1.64	94	6943	9.33	ug/l	95
6) Chloroethane	1.72	64	4465	5.86	ug/l	92
7) Trichlorofluoromethane	1.93	101	12400	5.64	ug/l	99
8) Diethyl Ether	2.19	74	4238	5.35	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7023	5.66	ug/l	98
10) Methyl Iodide	2.51	142	6726	4.85	ug/l	99
11) Tert butyl alcohol	3.08	59	15745	30.35	ug/l	96
12) 1,1-Dichloroethene	2.37	96	6255	5.33	ug/l	88
13) Acrolein	2.29	56	7579	29.26	ug/l	84
14) Allyl chloride	2.73	41	11266	5.50	ug/l	99
15) Acrylonitrile	3.15	53	25493	28.58	ug/l	100
16) Acetone	2.45	43	25952	33.15	ug/l	95
17) Carbon Disulfide	2.57	76	18075	5.32	ug/l	97
18) Methyl Acetate	2.78	43	12072	6.28	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	22413	5.58	ug/l	94
20) Methylene Chloride	2.86	84	7421	5.93	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	7143	5.65	ug/l	91
22) Diisopropyl ether	3.88	45	20240	5.98	ug/l	97
23) Vinyl Acetate	3.83	43	93947	30.65	ug/l	98
24) 1,1-Dichloroethane	3.70	63	12197	5.96	ug/l	97
25) 2-Butanone	4.71	43	35045	30.27	ug/l	99
26) 2,2-Dichloropropane	4.59	77	9505	5.29	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	6754	5.48	ug/l	98
28) Bromochloromethane	5.03	49	4573	6.23	ug/l #	96
29) Tetrahydrofuran	5.18	42	22684	28.85	ug/l	99
30) Chloroform	5.23	83	11346	5.36	ug/l	96
31) Cyclohexane	5.59	56	9648	5.61	ug/l #	85
32) 1,1,1-Trichloroethane	5.50	97	10498	5.27	ug/l	98
36) 1,1-Dichloropropene	5.80	75	9633	5.58	ug/l	97
37) Ethyl Acetate	4.87	43	12755	5.66	ug/l	98
38) Carbon Tetrachloride	5.79	117	9634	5.00	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	10976	5.25	ug/l	95
40) Benzene	6.15	78	25409	5.21	ug/l	99
41) Methacrylonitrile	5.07	41	6481	5.61	ug/l	96
42) 1,2-Dichloroethane	6.20	62	9798	5.60	ug/l	99
43) Isopropyl Acetate	6.48	43	17870	5.29	ug/l	98
44) Trichloroethene	7.22	130	7830	5.23	ug/l	87
45) 1,2-Dichloropropane	7.53	63	6583	5.54	ug/l	98
46) Dibromomethane	7.67	93	5031	5.48	ug/l	98
47) Bromodichloromethane	7.90	83	9055	5.09	ug/l	98
48) Methyl methacrylate	7.79	41	8492	5.12	ug/l	97
49) 1,4-Dioxane	7.78	88	4582	103.56	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	63062	26.62	ug/l	97
52) Toluene	8.79	92	17589	5.36	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	10307	4.96	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	10050	4.97	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	7278	5.30	ug/l	97
56) Ethyl methacrylate	9.19	69	10514	4.99	ug/l	94
57) 1,3-Dichloropropane	9.38	76	11662	5.44	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	26973	25.88	ug/l	97
59) 2-Hexanone	9.51	43	54720	28.21	ug/l	99
60) Dibromochloromethane	9.59	129	7452	4.72	ug/l	97
61) 1,2-Dibromoethane	9.68	107	7772	5.16	ug/l	96
64) Tetrachloroethene	9.34	164	7164	5.09	ug/l	96
65) Chlorobenzene	10.15	112	20807	5.27	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	6681	4.71	ug/l	97
67) Ethyl Benzene	10.26	91	34167	5.22	ug/l	97
68) m/p-Xylenes	10.37	106	26527	10.17	ug/l	96
69) o-Xylene	10.71	106	13135	5.22	ug/l	99
70) Styrene	10.72	104	20567	4.85	ug/l	96
71) Bromoform	10.87	173	5786	4.36	ug/l #	99
73) Isopropylbenzene	11.02	105	35163	5.19	ug/l	97
74) N-amyl acetate	6.48	43	17870	5.24	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.28	83	11287	4.89	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	12974m	6.40	ug/l	
77) Bromobenzene	11.26	156	8918	4.86	ug/l	90
78) n-propylbenzene	11.37	91	41794	5.31	ug/l	96
79) 2-Chlorotoluene	11.43	91	23530	5.18	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	29894	5.25	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	3343	4.14	ug/l	90
82) 4-Chlorotoluene	11.52	91	28930	5.32	ug/l	97
83) tert-Butylbenzene	11.78	119	29204	5.10	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	30786	5.28	ug/l	100
85) sec-Butylbenzene	11.96	105	37616	5.32	ug/l	98
86) p-Isopropyltoluene	12.07	119	32522	5.11	ug/l	97
87) 1,3-Dichlorobenzene	12.04	146	17723	5.11	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	19142	5.39	ug/l	95
89) n-Butylbenzene	12.40	91	30782	5.19	ug/l	98
90) Hexachloroethane	12.60	117	5224	4.72	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	17624	5.19	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3369	5.04	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	13220	5.09	ug/l	99
94) Hexachlorobutadiene	13.79	225	5663	4.70	ug/l	96
95) Naphthalene	13.84	128	45382	5.33	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	12531	4.95	ug/l	97

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

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Instrument :
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VSTDICCC005

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