

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\
 Data File : VX000090.D
 Acq On : 14 Feb 2018 17:05
 Operator : JC/MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

sam
 2/16/2018 1:21:02 PM

Quant Time: Feb 15 03:20:16 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	130195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	209623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	210138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	113989	80.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	161.62%	
35) Dibromofluoromethane	5.51	113	96238	77.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.80%	
50) Toluene-d8	8.73	98	395991	84.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	169.88%	
62) 4-Bromofluorobenzene	11.15	95	155463	82.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	165.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	99733	82.36	ug/l	99
3) Chloromethane	1.32	50	92587	76.19	ug/l	99
4) Vinyl Chloride	1.40	62	105859	76.99	ug/l	98
5) Bromomethane	1.64	94	88671	109.11	ug/l	99
6) Chloroethane	1.72	64	66098	79.41	ug/l	100
7) Trichlorofluoromethane	1.93	101	182702	76.17	ug/l	98
8) Diethyl Ether	2.19	74	62353	72.14	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102718	75.86	ug/l	98
10) Methyl Iodide	2.51	142	124780	82.37	ug/l	100
11) Tert butyl alcohol	3.08	59	218186	385.21	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94635	73.91	ug/l	97
13) Acrolein	2.30	56	102544	362.65	ug/l	97
14) Allyl chloride	2.73	41	160191	71.66	ug/l	100
15) Acrylonitrile	3.15	53	367710	377.61	ug/l	100
16) Acetone	2.45	43	377634	441.83	ug/l	100
17) Carbon Disulfide	2.57	76	271482	73.26	ug/l	100
18) Methyl Acetate	2.78	43	170551	81.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	326911	74.51	ug/l	100
20) Methylene Chloride	2.86	84	98394	72.01	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	103561	74.99	ug/l	98
22) Diisopropyl ether	3.88	45	302880	81.93	ug/l	98
23) Vinyl Acetate	3.83	43	1446348	432.27	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167437	74.95	ug/l	99
25) 2-Butanone	4.71	43	514477	407.01	ug/l	98
26) 2,2-Dichloropropane	4.59	77	144006	73.48	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	96887	72.05	ug/l	100
28) Bromochloromethane	5.03	49	71537	89.25	ug/l	98
29) Tetrahydrofuran	5.18	42	339248	395.26	ug/l	99
30) Chloroform	5.23	83	175518	75.95	ug/l	96
31) Cyclohexane	5.58	56	142675	75.95	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	164112	75.45	ug/l	99
36) 1,1-Dichloropropene	5.81	75	135060	73.76	ug/l	99
37) Ethyl Acetate	4.87	43	179123	75.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	150504	73.60	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	171702	77.45	ug/l	96
40) Benzene	6.15	78	383544	74.21	ug/l	100
41) Methacrylonitrile	5.07	41	92415	75.39	ug/l	100
42) 1,2-Dichloroethane	6.21	62	142673	76.90	ug/l	100
43) Isopropyl Acetate	6.48	43	269432	75.18	ug/l	100
44) Trichloroethene	7.22	130	114820	72.38	ug/l	96
45) 1,2-Dichloropropane	7.53	63	94636	75.13	ug/l	96
46) Dibromomethane	7.67	93	74802	76.83	ug/l	99
47) Bromodichloromethane	7.91	83	143403	76.01	ug/l	97
48) Methyl methacrylate	7.79	41	131972	75.01	ug/l	99
49) 1,4-Dioxane	7.77	88	71944	1533.27	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	1021945	406.84	ug/l	100
52) Toluene	8.79	92	274786	79.02	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	170134	77.26	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	171603	79.94	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	111898	76.81	ug/l	98
56) Ethyl methacrylate	9.19	69	178148	79.78	ug/l	99
57) 1,3-Dichloropropane	9.38	76	174666	76.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	421630	381.39	ug/l	99
59) 2-Hexanone	9.51	43	883728	429.61	ug/l	100
60) Dibromochloromethane	9.59	129	135074	80.68	ug/l	99
61) 1,2-Dibromoethane	9.68	107	125539	78.58	ug/l	100
64) Tetrachloroethene	9.34	164	114728	73.52	ug/l	97
65) Chlorobenzene	10.15	112	324531	74.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	117842	75.04	ug/l	99
67) Ethyl Benzene	10.26	91	546923	75.34	ug/l	100
68) m/p-Xylenes	10.37	106	444606	153.82	ug/l	98
69) o-Xylene	10.71	106	212766	76.26	ug/l	99
70) Styrene	10.72	104	363061	77.20	ug/l	99
71) Bromoform	10.87	173	116705	79.31	ug/l #	100
73) Isopropylbenzene	11.02	105	575607	71.18	ug/l	100
74) N-amyl acetate	6.48	43	269432	66.25	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	200723	72.85	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	176193m	72.84	ug/l	
77) Bromobenzene	11.26	156	158138	72.15	ug/l	99
78) n-propylbenzene	11.37	91	683242	72.69	ug/l	100
79) 2-Chlorotoluene	11.43	91	388442	71.61	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	498505	73.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	71047	73.66	ug/l	99
82) 4-Chlorotoluene	11.52	91	470351	72.51	ug/l	99
83) tert-Butylbenzene	11.78	119	490888	71.81	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	516633	74.25	ug/l	100
85) sec-Butylbenzene	11.96	105	614831	72.93	ug/l	100
86) p-Isopropyltoluene	12.07	119	564676	74.33	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	303503	73.35	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	310798	73.31	ug/l	100
89) n-Butylbenzene	12.40	91	524887	74.19	ug/l	100
90) Hexachloroethane	12.60	117	93995	71.21	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	296722	73.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56713	71.16	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	227858	73.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	102519	71.34	ug/l	97
95) Naphthalene	13.85	128	756126	74.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	221083	73.23	ug/l	99

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

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Sample    : VSTDICC075  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 6      Sample Multiplier: 1
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