Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123114\
Data File : BM000096.D
Acq On : 31 Dec 2014 17:52
Operator : TP/IZ
Sample : MDL-05-W
Misc : MDL-05-WATER-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 01 01:03:59 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 01 00:20:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	182457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	751892	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	531329	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1022133	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	872250	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	745649	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	18595	5.91	ng/uL	0.00
5) Phenol-d5	7.00	99	540213	34.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	297778	30.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	391880	34.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	414698	33.21	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	173229	33.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	187190	35.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	390706	33.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	271303	20.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1225502	31.27	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1449532	30.88	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.65	143	168606	26.63	ng/ul	-0.01
57) Fluorene-d10	15.47	176	1029690	30.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	151627	29.91	ng/ul	0.00
70) Anthracene-d10	17.32	188	1488726	31.50	ng/ul	0.00
76) Pyrene-d10	19.61	212	1445285	35.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1048644	31.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	27843	6.38	ng/uL	93
4) Benzaldehyde	6.98	77	21256	2.16	ng/ul	98
6) Phenol	7.03	94	111769	6.79	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	78326	6.23	ng/ul	99
10) 2-Chlorophenol	7.41	128	81982	6.96	ng/ul	97
11) 2-Methylphenol	8.28	108	80715	6.36	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.38	45	133657	6.60	ng/ul	98
14) Acetophenone	8.65	105	126548	5.94	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.64	70	66695	5.98	ng/ul	90
16) 4-Methylphenol	8.60	108	87833	6.40	ng/ul	94
17) Hexachloroethane	8.92	117	34053	6.33	ng/ul	87
20) Nitrobenzene	9.04	77	103767	6.69	ng/ul	97
21) Isophorone	9.56	82	182412	6.10	ng/ul	98
23) 2-Nitrophenol	9.75	139	40522	6.91	ng/ul	94
24) 2,4-Dimethylphenol	9.81	107	109100	6.86	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	103232	6.21	ng/ul	97
27) 2,4-Dichlorophenol	10.28	162	80575	6.88	ng/ul	92
28) Naphthalene	10.69	128	241561	6.30	ng/ul	99
30) 4-Chloroaniline	10.79	127	50019	3.64	ng/ul	98
31) Hexachlorobutadiene	10.97	225	55573	6.70	ng/ul	94
32) Caprolactam	11.54	113	19766m	5.07	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	90833	6.33	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	178523	6.28	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	95222	6.46	ng/ul	99
37) Hexachlorocyclopentadiene	12.64	237	51226	5.26	ng/ul	98
38) 2,4,6-Trichlorophenol	12.91	196	60694	6.46	ng/ul	95
39) 2,4,5-Trichlorophenol	12.97	196	65163	6.38	ng/ul	97
40) 1,1'-Biphenyl	13.31	154	244309	6.38	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	183538	6.25	ng/ul	98
42) 2-Nitroaniline	13.55	65	56158	5.90	ng/ul	98
44) Dimethylphthalate	13.93	163	238338	6.11	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	39387	5.64	ng/ul#	84
47) Acenaphthylene	14.20	152	308283	6.23	ng/ul	99
48) 3-Nitroaniline	14.38	138	20238	2.83	ng/ul	91
49) Acenaphthene	14.54	153	193818	6.14	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	18918	5.34	ng/ul	92
52) 4-Nitrophenol	14.68	109	45391	5.39	ng/ul	91
53) Dibenzofuran	14.87	168	288123	6.31	ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	61029	5.86	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.10	232	53505	6.08	ng/ul	91
56) Diethylphthalate	15.29	149	244617	5.96	ng/ul	99
58) Fluorene	15.52	166	236108	6.23	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	118130	6.32	ng/ul	91
60) 4-Nitroaniline	15.53	138	34925	4.32	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.59	198	31965	6.16	ng/ul#	85
64) N-Nitrosodiphenylamine	15.73	169	183864	6.20	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	69278	6.65	ng/ul	99
66) Hexachlorobenzene	16.52	284	79815	6.65	ng/ul	94
67) Atrazine	16.68	200	9332	0.80	ng/ul	97
68) Pentachlorophenol	16.86	266	37573	5.14	ng/ul	96
69) Phenanthrene	17.26	178	359492	6.50	ng/ul	99
71) Anthracene	17.35	178	353458	6.21	ng/ul	98
72) Carbazole	17.61	167	286507	5.59	ng/ul	100
73) Di-n-butylphthalate	18.19	149	360470	5.90	ng/ul	99
74) Fluoranthene	19.27	202	370995	5.85	ng/ul	99
77) Pyrene	19.64	202	378501	7.20	ng/ul	98
78) Butylbenzylphthalate	20.54	149	128201	6.00	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.33	252	15065	0.94	ng/ul	100
80) Benzo(a)anthracene	21.39	228	314795	6.25	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.32	149	182936	5.88	ng/ul	99
82) Chrysene	21.44	228	302020	6.51	ng/ul	100
84) Di-n-octyl phthalate	22.21	149	281027	5.48	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	322639	6.78	ng/ul	96
86) Benzo(k)fluoranthene	23.04	252	247477	6.09	ng/ul	98
88) Benzo(a)pyrene	23.60	252	281177	6.73	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	330754	7.58	ng/ul	98
90) Dibenzo(a,h)anthracene	26.04	278	275607	7.51	ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	270180	7.54	ng/ul	94

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

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