Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123114\
Data File : BM000095.D
Acq On : 31 Dec 2014 17:17
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-04-WATER-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 01 00:59:12 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	224344	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	901429	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	648800	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1313804	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1140966	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	727622	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	18491	4.78	ng/uL	0.01
5) Phenol-d5	7.01	99	663376	34.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	361999	30.47	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	479318	34.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	497340	32.39	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	211782	33.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	232135	36.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	484207	34.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	404317	25.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1540875	32.20	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1792348	31.27	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	223214	28.88	ng/ul	0.00
57) Fluorene-d10	15.47	176	1270626	30.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	197667	30.34	ng/ul	0.00
70) Anthracene-d10	17.32	188	1889292	31.10	ng/ul	0.00
76) Pyrene-d10	19.61	212	1915210	36.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	936612	28.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	27235	5.08	ng/uL	93
4) Benzaldehyde	6.98	77	30480	2.52	ng/ul	97
6) Phenol	7.03	94	112804	5.58	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	80854	5.23	ng/ul	98
10) 2-Chlorophenol	7.41	128	86275	5.96	ng/ul	98
11) 2-Methylphenol	8.28	108	83974	5.38	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.38	45	132377	5.31	ng/ul	97
14) Acetophenone	8.66	105	125943	4.81	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.64	70	68507	4.99	ng/ul	94
16) 4-Methylphenol	8.60	108	92868	5.50	ng/ul	99
17) Hexachloroethane	8.92	117	35315	5.34	ng/ul#	85
20) Nitrobenzene	9.04	77	104876	5.64	ng/ul	99
21) Isophorone	9.56	82	185673	5.18	ng/ul	97
23) 2-Nitrophenol	9.75	139	40371	5.75	ng/ul#	90
24) 2,4-Dimethylphenol	9.81	107	114101	5.98	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	100634	5.05	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	85114	6.07	ng/ul	93
28) Naphthalene	10.69	128	245225	5.34	ng/ul	98
30) 4-Chloroaniline	10.79	127	59612	3.61	ng/ul	98
31) Hexachlorobutadiene	10.97	225	55886	5.62	ng/ul	92
32) Caprolactam	11.58	113	20820	4.46	ng/ul	96
33) 4-Chloro-3-methylphenol	11.91	107	93978	5.46	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	181443	5.32	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	97845	5.44	ng/ul	97
37) Hexachlorocyclopentadiene	12.64	237	50607	4.26	ng/ul#	91
38) 2,4,6-Trichlorophenol	12.91	196	62074	5.41	ng/ul	88
39) 2,4,5-Trichlorophenol	12.97	196	67306	5.40	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	244637	5.23	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	190092	5.30	ng/ul	97
42) 2-Nitroaniline	13.55	65	59150	5.09	ng/ul	96
44) Dimethylphthalate	13.93	163	253048	5.31	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	43483	5.10	ng/ul	86
47) Acenaphthylene	14.20	152	307993	5.10	ng/ul	99
48) 3-Nitroaniline	14.38	138	27182	3.11	ng/ul	85
49) Acenaphthene	14.54	153	203322	5.28	ng/ul	100
50) 2,4-Dinitrophenol	14.57	184	20177	4.66	ng/ul	94
52) 4-Nitrophenol	14.68	109	53969	5.25	ng/ul	91
53) Dibenzofuran	14.87	168	291511	5.23	ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	64652	5.08	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.10	232	56535	5.26	ng/ul#	92
56) Diethylphthalate	15.29	149	260383	5.20	ng/ul	99
58) Fluorene	15.52	166	246447	5.32	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	119609	5.24	ng/ul	96
60) 4-Nitroaniline	15.53	138	37757	3.83	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	37117	5.57	ng/ul#	78
64) N-Nitrosodiphenylamine	15.73	169	192116	5.04	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	73237	5.47	ng/ul	97
66) Hexachlorobenzene	16.52	284	84880	5.50	ng/ul	92
67) Atrazine	16.68	200	3536	0.24	ng/ul#	93
68) Pentachlorophenol	16.86	266	40922	4.36	ng/ul	96
69) Phenanthrene	17.26	178	380892	5.36	ng/ul	99
71) Anthracene	17.35	178	371349	5.08	ng/ul	99
72) Carbazole	17.61	167	300792	4.57	ng/ul	98
73) Di-n-butylphthalate	18.19	149	390158	4.97	ng/ul	99
74) Fluoranthene	19.27	202	413242	5.07	ng/ul	99
77) Pyrene	19.64	202	419897	6.11	ng/ul	99
78) Butylbenzylphthalate	20.54	149	141044	5.05	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.33	252	11814	0.57	ng/ul#	89
80) Benzo(a)anthracene	21.39	228	346972	5.27	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	197463	4.86	ng/ul	99
82) Chrysene	21.43	228	323602	5.33	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	290271	5.80	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	285859	6.16	ng/ul	98
86) Benzo(k)fluoranthene	23.04	252	289597	7.31	ng/ul	98
88) Benzo(a)pyrene	23.60	252	259831	6.37	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.03	276	309804	7.28	ng/ul	97
90) Dibenzo(a,h)anthracene	26.04	278	267575	7.47	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	263015	7.52	ng/ul	97

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

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