Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101116\
Data File : BB058609.D
Acq On : 11 Oct 2016 17:22
Operator : UM/SJ
Sample : MDL-06-S
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : MDL-06-S

Quant Time: Oct 11 18:31:07 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 16:28:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	467615	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1739094	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1074171	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.53	188	2606550	20.00	ng/ul	0.10
75) Chrysene-d12	22.83	240	1814871	20.00	ng/ul	0.02
83) Perylene-d12	25.95	264	1488599	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	73256	7.09	ng/uL	0.00
5) Phenol-d5	7.79	99	1025977	30.20	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.94	67	691897	30.40	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1167460	33.13	ng/ul	-0.02
13) 4-Methylphenol-d8	9.45	113	868309	30.88	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	597978	33.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	680322	35.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	916213	33.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1207851	36.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2390518	33.47	ng/ul	-0.02
46) Acenaphthylene-d8	15.26	160	2793023	33.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	474585	28.93	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1903646	32.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	459679	16.61	ng/ul	-0.02
70) Anthracene-d10	18.53	188	2606550	22.36	ng/ul	0.00
76) Pyrene-d10	20.88	212	2811020	35.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.75	264	2263913	33.31	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.67	88	10325	1.01	ng/uL#	79
4) Benzaldehyde	7.73	77	60154	2.75	ng/ul	87
6) Phenol	7.83	94	97683	2.90	ng/ul#	68
8) Bis(2-Chloroethyl)ether	8.04	93	87363	3.15	ng/ul	87
10) 2-Chlorophenol	8.21	128	108864	3.25	ng/ul	99
11) 2-Methylphenol	9.16	108	81189	3.00	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.23	45	142414	2.92	ng/ul#	89
14) Acetophenone	9.52	105	121052	2.94	ng/ul#	66
15) N-Nitroso-di-n-propylamine	9.54	70	69171	2.84	ng/ul#	58
16) 4-Methylphenol	9.50	108	85764	2.94	ng/ul	93
17) Hexachloroethane	9.83	117	48854	3.01	ng/ul	84
20) Nitrobenzene	9.93	77	108165	3.20	ng/ul#	84
21) Isophorone	10.49	82	199659	3.07	ng/ul#	94
23) 2-Nitrophenol	10.68	139	64806	3.21	ng/ul	94
24) 2,4-Dimethylphenol	10.76	107	104593	3.16	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.99	93	97436	3.10	ng/ul#	94
27) 2,4-Dichlorophenol	11.26	162	91897	3.35	ng/ul#	87
28) Naphthalene	11.68	128	276564	3.34	ng/ul	100
30) 4-Chloroaniline	11.78	127	109077	3.48	ng/ul	95
31) Hexachlorobutadiene	12.03	225	62352	3.32	ng/ul	99
32) Caprolactam	12.58	113	26829	2.69	ng/ul	92
33) 4-Chloro-3-methylphenol	12.95	107	83551	3.05	ng/ul#	81
34) 2-Methylnaphthalene	13.34	142	191710	3.36	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	106181	3.22	ng/ul#	97
37) Hexachlorocyclopentadiene	13.74	237	40855	1.96	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.97	196	63159	3.15	ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	63330	2.98	ng/ul	93
40) 1,1'-Biphenyl	14.38	154	227403	3.16	ng/ul#	96
41) 2-Chloronaphthalene	14.41	162	183895	3.20	ng/ul	98
42) 2-Nitroaniline	14.61	65	59613	2.70	ng/ul#	73
44) Dimethylphthalate	15.01	163	228304	3.20	ng/ul#	96
45) 2,6-Dinitrotoluene	15.11	165	52929	2.93	ng/ul	90
47) Acenaphthylene	15.28	152	276766	3.39	ng/ul	100
48) 3-Nitroaniline	14.61	138	65676	2.78	ng/ul#	32
49) Acenaphthene	15.65	153	185398	3.31	ng/ul	92
50) 2,4-Dinitrophenol	15.67	184	23479	1.83	ng/ul#	49
52) 4-Nitrophenol	15.78	109	33820	2.54	ng/ul#	36
53) Dibenzofuran	15.99	168	262898	3.29	ng/ul	97
54) 2,4-Dinitrotoluene	15.93	165	75416	3.00	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	16.24	232	54205	2.91	ng/ul#	98
56) Diethylphthalate	16.42	149	242241	3.27	ng/ul	94
58) Fluorene	16.67	166	212516	3.27	ng/ul	90
59) 4-Chlorophenyl-phenylether	16.65	204	105361	3.02	ng/ul#	83
60) 4-Nitroaniline	16.67	138	34277	1.84	ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	16.74	198	51819	1.88	ng/ul#	97
64) N-Nitrosodiphenylamine	16.88	169	171241	2.04	ng/ul	93
65) 4-Bromophenyl-phenylether	17.74	248	1215	0.04	ng/ul#	23
66) Hexachlorobenzene	17.74	284	71792	2.15	ng/ul	94
67) Atrazine	17.86	200	66057	2.06	ng/ul	91
68) Pentachlorophenol	18.09	266	36311	1.53	ng/ul	92
69) Phenanthrene	18.57	178	310199	2.39	ng/ul	98
71) Anthracene	18.57	178	310199	2.34	ng/ul	99
72) Carbazole	18.84	167	251249	2.27	ng/ul	97
73) Di-n-butylphthalate	19.42	149	454373	2.51	ng/ul	98
74) Fluoranthene	20.54	202	341146	2.58	ng/ul#	93
77) Pyrene	20.90	202	334834	3.53	ng/ul#	94
78) Butylbenzylphthalate	21.81	149	173152	2.82	ng/ul#	87
79) 3,3'-Dichlorobenzidine	22.69	252	63692	1.99	ng/ul#	96
80) Benzo(a)anthracene	22.79	228	321644	3.48	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.71	149	270189	3.31	ng/ul#	96
82) Chrysene	22.87	228	293072	3.38	ng/ul	97
84) Di-n-octyl phthalate	22.71	149	270189	3.49	ng/ul#	62
85) Benzo(b)fluoranthene	24.96	252	289451	2.95	ng/ul#	97
86) Benzo(k)fluoranthene	25.02	252	249801	3.28	ng/ul#	97
88) Benzo(a)pyrene	25.81	252	260074	3.14	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.32	276	190357	2.63	ng/ul#	93
90) Dibenzo(a,h)anthracene	29.35	278	149090	2.49	ng/ul#	92
91) Benzo(g,h,i)perylene	30.34	276	158188	2.77	ng/ul	95

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

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