Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101116\
Data File : BB058607.D
Acq On : 11 Oct 2016 16:01
Operator : UM/SJ
Sample : MDL-04-S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-04-S

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Quant Time: Oct 11 17:05:35 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	8.68	152	490843	20.00	ng/ul	0.00
18) Naphthalene-d8	11.64	136	1810873	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.59	164	1043630	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.44	188	1715061	20.00	ng/ul	0.00
75) Chrysene-d12	22.85	240	1892834	20.00	ng/ul	0.04
83) Perylene-d12	26.00	264	1504160	20.00	ng/ul	0.10
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	71233	6.57	ng/uL	0.00
5) Phenol-d5	7.81	99	1035883	29.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.95	67	700619	29.33	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1178108	31.85	ng/ul	-0.02
13) 4-Methylphenol-d8	9.45	113	873359	29.59	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	590174	31.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	670457	33.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	909847	31.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1197473	34.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	2424455	34.94	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	2894672	35.37	ng/ul	0.02
51) 4-Nitrophenol-d4	15.78	143	454890	28.54	ng/ul	-0.02
57) Fluorene-d10	16.63	176	2070887	36.43	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.74	200	520270	28.57	ng/ul	0.00
70) Anthracene-d10	18.55	188	2751900m	35.88	ng/ul	0.02
76) Pyrene-d10	20.90	212	2969346	35.70	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.79	264	2270145	33.05	ng/ul	0.10
Target Compounds						Qvalue
2) 1,4-Dioxane	3.67	88	7602	0.71	ng/uL#	51
4) Benzaldehyde	7.73	77	50415	2.20	ng/ul	94
6) Phenol	7.83	94	93187	2.64	ng/ul#	48
8) Bis(2-Chloroethyl)ether	8.04	93	84417	2.90	ng/ul#	88
10) 2-Chlorophenol	8.22	128	102971	2.92	ng/ul#	91
11) 2-Methylphenol	9.16	108	78935	2.78	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.25	45	136903	2.67	ng/ul#	92
14) Acetophenone	9.54	105	119123	2.76	ng/ul#	85
15) N-Nitroso-di-n-propylamine	9.54	70	67972	2.66	ng/ul#	55
16) 4-Methylphenol	9.51	108	79776	2.60	ng/ul	97
17) Hexachloroethane	9.83	117	46793	2.74	ng/ul#	68
20) Nitrobenzene	9.93	77	100967	2.87	ng/ul#	91
21) Isophorone	10.49	82	190711	2.81	ng/ul#	97
23) 2-Nitrophenol	10.70	139	64588	3.07	ng/ul#	89
24) 2,4-Dimethylphenol	10.78	107	100184	2.91	ng/ul	95
25) Bis(2-Chloroethoxy)methane	11.01	93	89242	2.73	ng/ul#	91
27) 2,4-Dichlorophenol	11.28	162	87837	3.07	ng/ul#	92
28) Naphthalene	11.68	128	272403	3.16	ng/ul	99
30) 4-Chloroaniline	11.78	127	103670	3.18	ng/ul	90
31) Hexachlorobutadiene	12.03	225	60144	3.08	ng/ul	99
32) Caprolactam	12.60	113	24406	2.35	ng/ul	95
33) 4-Chloro-3-methylphenol	12.95	107	83341	2.92	ng/ul	95
34) 2-Methylnaphthalene	13.34	142	183655	3.09	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	13.74	216	103023	3.21	ng/ul	96
37) Hexachlorocyclopentadiene	13.74	237	41799	2.07	ng/ul	97
38) 2,4,6-Trichlorophenol	13.97	196	62802	3.23	ng/ul	97
39) 2,4,5-Trichlorophenol	14.05	196	63168	3.06	ng/ul	97
40) 1,1'-Biphenyl	14.38	154	222785	3.18	ng/ul	99
41) 2-Chloronaphthalene	14.41	162	171958	3.08	ng/ul	95
42) 2-Nitroaniline	14.61	65	56230	2.63	ng/ul#	91
44) Dimethylphthalate	15.01	163	224980	3.24	ng/ul#	98
45) 2,6-Dinitrotoluene	15.13	165	53676	3.06	ng/ul	91
47) Acenaphthylene	15.30	152	279312	3.52	ng/ul	98
48) 3-Nitroaniline	14.61	138	63215	2.76	ng/ul#	42
49) Acenaphthene	15.65	153	169543	3.11	ng/ul	95
50) 2,4-Dinitrophenol	15.69	184	18840	1.51	ng/ul#	87
52) 4-Nitrophenol	15.80	109	37996	2.93	ng/ul	83
53) Dibenzofuran	15.99	168	251290	3.24	ng/ul	88
54) 2,4-Dinitrotoluene	15.94	165	70416	2.88	ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	16.24	232	56622	3.13	ng/ul#	86
56) Diethylphthalate	16.44	149	247068	3.43	ng/ul	95
58) Fluorene	16.69	166	186723	2.96	ng/ul	93
59) 4-Chlorophenyl-phenylether	16.67	204	108365	3.19	ng/ul	99
60) 4-Nitroaniline	16.67	138	28523	1.58	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	16.74	198	45250	2.49	ng/ul#	1
64) N-Nitrosodiphenylamine	16.88	169	174181	3.15	ng/ul	92
65) 4-Bromophenyl-phenylether	17.59	248	67397	3.07	ng/ul	92
66) Hexachlorobenzene	17.75	284	66780	3.03	ng/ul#	73
67) Atrazine	17.86	200	58365	2.77	ng/ul#	89
68) Pentachlorophenol	18.09	266	34324	2.20	ng/ul	96
69) Phenanthrene	18.50	178	275360	3.22	ng/ul	98
71) Anthracene	18.59	178	280079	3.21	ng/ul	100
72) Carbazole	18.84	167	237632	3.26	ng/ul#	96
73) Di-n-butylphthalate	19.44	149	416546	3.50	ng/ul	98
74) Fluoranthene	20.56	202	311452	3.58	ng/ul#	92
77) Pyrene	20.92	202	340370	3.44	ng/ul	100
78) Butylbenzylphthalate	21.83	149	175669	2.74	ng/ul#	93
79) 3,3'-Dichlorobenzidine	22.73	252	61447	1.84	ng/ul	97
80) Benzo(a)anthracene	22.81	228	306189	3.18	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.73	149	251814	2.95	ng/ul#	96
82) Chrysene	22.89	228	274874	3.04	ng/ul	98
84) Di-n-octyl phthalate	22.73	149	252645m	3.23	ng/ul	
85) Benzo(b)fluoranthene	25.00	252	293000m	2.95	ng/ul	
86) Benzo(k)fluoranthene	25.06	252	221795	2.88	ng/ul#	97
88) Benzo(a)pyrene	25.85	252	230610	2.76	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.37	276	177430	2.43	ng/ul#	94
90) Dibenzo(a,h)anthracene	29.43	278	138469	2.29	ng/ul#	94
91) Benzo(g,h,i)perylene	30.41	276	146179	2.54	ng/ul	94

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

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