Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014161.D
Acq On : 07 Feb 2018 14:40
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM020718

Quant Time: Feb 07 17:20:13 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	80304	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	383005	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	266248	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	696510	20.00	ng		0.00
75) Chrysene-d12	21.17	240	802431	20.00	ng		0.00
86) Perylene-d12	23.34	264	691266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	378104	82.07	ng		0.00
7) Phenol-d6	6.74	99	553290	84.79	ng		0.00
23) Nitrobenzene-d5	8.71	82	727079	84.79	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	335357	88.77	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	1837104	86.13	ng		0.00
78) Terphenyl-d14	19.61	244	3263780	79.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	75796	40.03	ng	#	100
3) Pyridine	3.53	79	220611	42.08	ng	#	88
4) n-Nitrosodimethylamine	3.45	42	135348	40.53	ng	#	49
6) Aniline	6.89	93	359200	43.18	ng		92
8) 2-Chlorophenol	7.12	128	216485	41.34	ng		95
9) Benzaldehyde	6.71	77	204240	43.49	ng		88
10) Phenol	6.77	94	269786	41.88	ng		90
11) bis(2-Chloroethyl)ether	6.99	93	213891	42.00	ng		98
12) 1,3-Dichlorobenzene	7.43	146	271365	41.46	ng	#	90
13) 1,4-Dichlorobenzene	7.58	146	272419	41.43	ng	#	95
14) 1,2-Dichlorobenzene	7.89	146	271302	41.00	ng	#	89
15) Benzyl Alcohol	7.80	79	258080	42.69	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.07	45	215987	41.70	ng		84
17) 2-Methylphenol	8.00	107	210521	42.70	ng	#	84
18) Hexachloroethane	8.60	117	119502	42.04	ng		88
19) n-Nitroso-di-n-propylamine	8.36	70	240377	42.76	ng		92
20) 3+4-Methylphenols	8.33	107	292392	40.95	ng		88
22) Acetophenone	8.37	105	461695	41.92	ng	#	92
24) Nitrobenzene	8.75	77	362111	41.02	ng		98
25) Isophorone	9.27	82	589921	41.53	ng	#	92
26) 2-Nitrophenol	9.45	139	140377	42.15	ng	#	49
27) 2,4-Dimethylphenol	9.52	122	215722	42.50	ng		89
28) bis(2-Chloroethoxy)methane	9.75	93	312746	42.93	ng		97
29) 2,4-Dichlorophenol	9.98	162	245463	43.28	ng		93
30) 1,2,4-Trichlorobenzene	10.19	180	309009	41.33	ng		92
31) Naphthalene	10.37	128	868466	41.41	ng		99
32) Benzoic acid	9.71	122	166321	39.35	ng		86
33) 4-Chloroaniline	10.50	127	362778	41.62	ng	#	86
34) Hexachlorobutadiene	10.65	225	205178	40.00	ng		99
35) Caprolactam	11.30	113	86757	42.77	ng	#	91
36) 4-Chloro-3-methylphenol	11.63	107	303469	43.18	ng		87
37) 2-Methylnaphthalene	11.99	142	676200	42.81	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	391394	41.95	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	195931	39.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	237327	43.30	ng		97
43) 2,4,5-Trichlorophenol	12.70	196	269460	44.53	ng	#	86
45) 1,1'-Biphenyl	13.03	154	1000901	43.40	ng		98
46) 2-Chloronaphthalene	13.07	162	750022	42.84	ng	#	93
47) 2-Nitroaniline	13.30	65	275472	42.76	ng	#	80
48) Acenaphthylene	13.92	152	1238501	43.14	ng		100
49) Dimethylphthalate	13.67	163	1042806	43.75	ng		100
50) 2,6-Dinitrotoluene	13.80	165	214328	43.82	ng	#	59
51) Acenaphthene	14.27	154	763159	43.13	ng		98
52) 3-Nitroaniline	14.14	138	222466	43.97	ng	#	74
53) 2,4-Dinitrophenol	14.36	184	105903	42.06	ng	#	83
54) Dibenzofuran	14.61	168	1199294	43.37	ng	#	90
55) 4-Nitrophenol	14.46	139	154790	41.61	ng	#	77
56) 2,4-Dinitrotoluene	14.60	165	321324	42.57	ng	#	84
57) Fluorene	15.26	166	1054276	43.34	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.84	232	259554	43.54	ng	#	100
59) Diethylphthalate	15.05	149	1151338	43.52	ng		97
60) 4-Chlorophenyl-phenylether	15.26	204	542035	42.87	ng		95
61) 4-Nitroaniline	15.31	138	227609	44.96	ng	#	21
62) Azobenzene	15.56	77	1187852	43.23	ng		85
64) 4,6-Dinitro-2-methylphenol	15.37	198	187916	40.39	ng		88
65) n-Nitrosodiphenylamine	15.48	169	921076	41.89	ng		99
66) 4-Bromophenyl-phenylether	16.16	248	331642	40.62	ng	#	85
67) Hexachlorobenzene	16.26	284	372244	41.53	ng	#	79
68) Atrazine	16.44	200	358674	43.49	ng		97
69) Pentachlorophenol	16.62	266	223351	39.62	ng		97
70) Phenanthrene	17.00	178	1731973	41.22	ng		99
71) Anthracene	17.10	178	1734789	42.37	ng		99
72) Carbazole	17.37	167	1616984	42.02	ng		100
73) Di-n-butylphthalate	17.94	149	2126329	43.18	ng	#	97
74) Fluoranthene	19.03	202	2146242	43.39	ng		99
76) Benzidine	19.23	184	989430	41.40	ng		100
77) Pyrene	19.40	202	2222071	39.86	ng		99
79) Butylbenzylphthalate	20.31	149	1019119	40.59	ng	#	80
80) Benzo(a)anthracene	21.16	228	2183192	41.87	ng		97
81) 3,3'-Dichlorobenzidine	21.10	252	819756	42.07	ng	#	98
82) Chrysene	21.21	228	2046422	40.46	ng		99
83) Bis(2-ethylhexyl)phthalate	21.09	149	1525355	41.65	ng		97
84) Di-n-octyl phthalate	21.96	149	2220331	43.80	ng		96
85) Indeno(1,2,3-cd)pyrene	25.53	276	1825358	45.90	ng		98
87) Benzo(b)fluoranthene	22.70	252	2016499	42.04	ng	#	93
88) Benzo(k)fluoranthene	22.74	252	1974162	43.29	ng	#	98
89) Benzo(a)pyrene	23.26	252	1811888	42.86	ng		98
90) Dibenzo(a,h)anthracene	25.53	278	1562828	45.24	ng	#	93
91) Benzo(g,h,i)perylene	26.18	276	1447890	44.83	ng	#	90

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

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