Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003422.D
Acq On : 09 Dec 2015 20:54
Operator : UM/IZ
Sample : PB87163BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB87163BS

Quant Time: Dec 10 00:24:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	64052	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	259844	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	129582	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	245029	20.00	ng		0.00
75) Chrysene-d12	21.32	240	239569	20.00	ng		0.00
86) Perylene-d12	23.57	264	246457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	438073	121.60	ng		0.00
7) Phenol-d6	6.89	99	555991	111.14	ng		0.00
23) Nitrobenzene-d5	8.88	82	328704	78.43	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	140347	108.45	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	754795	79.36	ng		0.00
78) Terphenyl-d14	19.75	244	718659	70.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	48202	32.24	ng	#	100
3) Pyridine	3.60	79	140215	33.48	ng		87
4) n-Nitrosodimethylamine	3.52	42	50992	38.03	ng		89
6) Aniline	7.05	93	139250	21.15	ng		96
8) 2-Chlorophenol	7.29	128	169784	37.22	ng		95
9) Benzaldehyde	6.86	77	86043	35.08	ng		97
10) Phenol	6.92	94	197508	37.21	ng	#	73
11) bis(2-Chloroethyl)ether	7.15	93	148747	34.63	ng		97
12) 1,3-Dichlorobenzene	7.61	146	178173	35.56	ng		98
13) 1,4-Dichlorobenzene	7.76	146	182876	35.39	ng		97
14) 1,2-Dichlorobenzene	8.07	146	175430	35.56	ng		97
15) Benzyl Alcohol	7.96	79	129122	37.30	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	150512	32.81	ng		91
17) 2-Methylphenol	8.16	107	134652	36.28	ng		97
18) Hexachloroethane	8.80	117	62809	35.38	ng		90
19) n-Nitroso-di-n-propylamine	8.53	70	108065	32.93	ng	#	87
20) 3+4-Methylphenols	8.49	107	178563	34.78	ng		99
22) Acetophenone	8.54	105	227978	35.80	ng	#	90
24) Nitrobenzene	8.92	77	169070	37.31	ng	#	89
25) Isophorone	9.44	82	289662	34.17	ng		97
26) 2-Nitrophenol	9.63	139	81145	35.41	ng		94
27) 2,4-Dimethylphenol	9.69	122	151075	37.86	ng		96
28) bis(2-Chloroethoxy)methane	9.93	93	192126	37.72	ng		98
29) 2,4-Dichlorophenol	10.16	162	146913	38.65	ng		99
30) 1,2,4-Trichlorobenzene	10.38	180	158384	37.32	ng		98
31) Naphthalene	10.56	128	502507	36.96	ng		99
32) Benzoic acid	9.80	122	63672	29.59	ng		95
33) 4-Chloroaniline	10.67	127	47463	8.46	ng	#	96
34) Hexachlorobutadiene	10.85	225	93174	37.02	ng		97
35) Caprolactam	11.43	113	37433	29.79	ng	#	69
36) 4-Chloro-3-methylphenol	11.80	107	144677	33.75	ng		92
37) 2-Methylnaphthalene	12.18	142	351536	37.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	163309	39.20	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	204652	88.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	104081	38.31	ng		98
43) 2,4,5-Trichlorophenol	12.87	196	110884	38.83	ng	#	92
45) 1,1'-Biphenyl	13.20	154	427739	37.22	ng		99
46) 2-Chloronaphthalene	13.24	162	324865	38.49	ng	#	93
47) 2-Nitroaniline	13.45	65	72670	34.71	ng		91
48) Acenaphthylene	14.09	152	523104	37.17	ng		100
49) Dimethylphthalate	13.83	163	378536	35.45	ng		99
50) 2,6-Dinitrotoluene	13.95	165	80333	36.06	ng		95
51) Acenaphthene	14.44	154	306137	37.54	ng		100
52) 3-Nitroaniline	14.28	138	35208	15.44	ng		90
53) 2,4-Dinitrophenol	14.49	184	70371	57.95	ng	#	82
54) Dibenzofuran	14.77	168	475218	40.35	ng		94
55) 4-Nitrophenol	14.59	139	130404	69.26	ng		83
56) 2,4-Dinitrotoluene	14.74	165	106507	36.84	ng	#	73
57) Fluorene	15.43	166	362866	37.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	87596	39.91	ng	#	100
59) Diethylphthalate	15.20	149	364138	34.73	ng		98
60) 4-Chlorophenyl-phenylether	15.42	204	178212	36.10	ng		94
61) 4-Nitroaniline	15.44	138	78186	33.58	ng	#	75
62) Azobenzene	15.71	77	325752	39.64	ng		97
64) 4,6-Dinitro-2-methylphenol	15.50	198	49457	33.45	ng		86
65) n-Nitrosodiphenylamine	15.63	169	309714	39.98	ng		98
66) 4-Bromophenyl-phenylether	16.32	248	101548	38.44	ng	#	87
67) Hexachlorobenzene	16.43	284	110274	38.85	ng	#	85
68) Atrazine	16.59	200	98192	40.64	ng		98
69) Pentachlorophenol	16.77	266	119433	73.71	ng		98
70) Phenanthrene	17.16	178	538360	39.15	ng		99
71) Anthracene	17.26	178	538653	39.43	ng		99
72) Carbazole	17.53	167	473978	39.82	ng		99
73) Di-n-butylphthalate	18.09	149	524089	37.67	ng		99
74) Fluoranthene	19.19	202	558596	39.39	ng		98
76) Benzidine	19.37	184	169423	22.08	ng		98
77) Pyrene	19.55	202	581882	34.63	ng		99
79) Butylbenzylphthalate	20.45	149	214171	33.10	ng		94
80) Benzo(a)anthracene	21.30	228	543384	37.83	ng		100
81) 3,3'-Dichlorobenzidine	21.23	252	98359	21.51	ng		99
82) Chrysene	21.35	228	497730	36.00	ng		100
83) Bis(2-ethylhexyl)phthalate	21.23	149	311813	35.14	ng	#	98
84) Di-n-octyl phthalate	22.11	149	571797	39.00	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	672820	46.32	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	573403	38.27	ng		97
88) Benzo(k)fluoranthene	22.94	252	534772	36.56	ng		100
89) Benzo(a)pyrene	23.47	252	547523	38.86	ng	#	97
90) Dibenzo(a,h)anthracene	25.86	278	561741	40.83	ng		99
91) Benzo(g,h,i)perylene	26.55	276	567504	40.83	ng		99

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

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