Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
Data File : BM009475.D
Acq On : 31 Mar 2017 16:00
Operator : SJ/MA
Sample : PB97966BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB97966BS

Manual Integrations APPROVED
mohammad
4/3/2017 11:49:38 AM

Quant Time: Mar 31 23:11:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	126437	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	509742	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	302893	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	700157	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	908120	20.00	ng		-0.01
86) Perylene-d12	23.74	264	877268	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1162506	153.26	ng		-0.01
7) Phenol-d6	7.01	99	1629894	157.57	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1169900	86.05	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	596990	158.65	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2292062	91.18	ng		-0.01
78) Terphenyl-d14	19.86	244	3423830	78.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	131724	34.53	ng	#	100
3) Pyridine	3.75	79	415726	38.57	ng	#	84
4) n-Nitrosodimethylamine	3.67	42	256298	44.66	ng	#	68
6) Aniline	7.18	93	387308	27.55	ng		92
8) 2-Chlorophenol	7.41	128	392016	50.97	ng	#	82
9) Benzaldehyde	7.00	77	84478	10.38	ng		83
10) Phenol	7.03	94	576869	51.47	ng		91
11) bis(2-Chloroethyl)ether	7.27	93	405197	44.11	ng	#	82
12) 1,3-Dichlorobenzene	7.73	146	406616	44.16	ng	#	89
13) 1,4-Dichlorobenzene	7.88	146	414945	43.61	ng	#	93
14) 1,2-Dichlorobenzene	8.20	146	413939	44.80	ng	#	92
15) Benzyl Alcohol	8.09	79	454571	50.27	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.38	45	680911	42.64	ng		98
17) 2-Methylphenol	8.28	107	365846	49.88	ng	#	86
18) Hexachloroethane	8.92	117	171794	44.14	ng		88
19) n-Nitroso-di-n-propylamine	8.65	70	393889	47.23	ng	#	88
20) 3+4-Methylphenols	8.61	107	488826	49.02	ng		93
22) Acetophenone	8.67	105	651657	45.33	ng	#	91
24) Nitrobenzene	9.06	77	589061	44.23	ng		92
25) Isophorone	9.57	82	973512	46.94	ng	#	91
26) 2-Nitrophenol	9.76	139	189642	47.21	ng	#	49
27) 2,4-Dimethylphenol	9.82	122	376915	51.29	ng	#	79
28) bis(2-Chloroethoxy)methane	10.06	93	575461	44.81	ng		99
29) 2,4-Dichlorophenol	10.29	162	389607	50.71	ng		96
30) 1,2,4-Trichlorobenzene	10.50	180	427828	44.88	ng		97
31) Naphthalene	10.70	128	1186270	43.85	ng		99
32) Benzoic acid	9.94	122	215644	41.51	ng	#	77
33) 4-Chloroaniline	10.81	127	150677	14.44	ng	#	81
34) Hexachlorobutadiene	10.96	225	268340	41.11	ng		95
35) Caprolactam	11.59	113	121886m	51.97	ng		
36) 4-Chloro-3-methylphenol	11.93	107	449090	51.67	ng	#	78
37) 2-Methylnaphthalene	12.30	142	890067	47.66	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	499147	43.65	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	654670	99.74	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	335608	51.33	ng		99
43) 2,4,5-Trichlorophenol	12.99	196	348915	47.83	ng	#	89
45) 1,1'-Biphenyl	13.32	154	1186697	47.07	ng		97
46) 2-Chloronaphthalene	13.36	162	925940	47.29	ng		97
47) 2-Nitroaniline	13.58	65	362879	50.30	ng	#	72
48) Acenaphthylene	14.22	152	1468074	46.03	ng		100
49) Dimethylphthalate	13.94	163	1146571	49.30	ng		99
50) 2,6-Dinitrotoluene	14.07	165	244113	48.71	ng	#	67
51) Acenaphthene	14.56	154	886250	46.06	ng		98
52) 3-Nitroaniline	14.40	138	126404	25.60	ng	#	51
53) 2,4-Dinitrophenol	14.62	184	273038	80.73	ng		96
54) Dibenzofuran	14.89	168	1448264	50.89	ng		94
55) 4-Nitrophenol	14.71	139	417939	102.41	ng	#	31
56) 2,4-Dinitrotoluene	14.86	165	349603	51.56	ng	#	95
57) Fluorene	15.54	166	1188414	46.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	330891	53.62	ng	#	100
59) Diethylphthalate	15.31	149	1181057	50.06	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	620351	46.45	ng		98
61) 4-Nitroaniline	15.57	138	254110	47.38	ng	#	27
62) Azobenzene	15.83	77	1486571	53.98	ng		87
64) 4,6-Dinitro-2-methylphenol	15.62	198	201810	45.75	ng		89
65) n-Nitrosodiphenylamine	15.75	169	1026433	48.26	ng		100
66) 4-Bromophenyl-phenylether	16.43	248	380713	46.93	ng	#	90
67) Hexachlorobenzene	16.54	284	404959	45.54	ng	#	88
68) Atrazine	16.70	200	360815	45.11	ng		95
69) Pentachlorophenol	16.89	266	513647	94.56	ng		98
70) Phenanthrene	17.29	178	1858410	46.42	ng		99
71) Anthracene	17.37	178	1930122	47.62	ng		100
72) Carbazole	17.64	167	1722915	44.38	ng		97
73) Di-n-butylphthalate	18.20	149	1996260	50.34	ng	#	97
74) Fluoranthene	19.30	202	2243948	47.32	ng		98
76) Benzidine	19.49	184	795164	29.38	ng		98
77) Pyrene	19.66	202	2350656	45.64	ng		99
79) Butylbenzylphthalate	20.55	149	950694	51.26	ng	#	77
80) Benzo(a)anthracene	21.40	228	2507929	47.28	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	525975	26.48	ng	#	97
82) Chrysene	21.46	228	2258189	44.59	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1396608	50.46	ng		99
84) Di-n-octyl phthalate	22.21	149	2493809	54.14	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2951240	53.43	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2645028	47.57	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2450513	45.82	ng		97
89) Benzo(a)pyrene	23.64	252	2501172	48.57	ng		100
90) Dibenzo(a,h)anthracene	26.12	278	2500463	49.57	ng	#	95
91) Benzo(g,h,i)perylene	26.84	276	2419409	49.20	ng	#	94

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

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