Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
Data File : BM009501.D
Acq On : 03 Apr 2017 15:41
Operator : SJ/MA
Sample : PB97981BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Manual Integrations APPROVED
mohammad
4/4/2017 5:33:15 PM

Quant Time: Apr 04 03:26:36 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	110950	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	458923	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	271051	20.00	ng		-0.02
63) Phenanthrene-d10	17.24	188	645955	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	857829	20.00	ng		-0.01
86) Perylene-d12	23.74	264	809230	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	930835	139.84	ng		-0.01
7) Phenol-d6	7.01	99	1297240	142.92	ng		-0.01
23) Nitrobenzene-d5	9.01	82	950145	77.63	ng		-0.02
41) 2,4,6-Tribromophenol	15.99	330	485116	144.07	ng		-0.01
44) 2-Fluorobiphenyl	13.10	172	1807122	80.34	ng		-0.02
78) Terphenyl-d14	19.86	244	2922467	71.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	102484	30.62	ng	#	100
3) Pyridine	3.75	79	329010	34.78	ng	#	85
4) n-Nitrosodimethylamine	3.67	42	210223	41.75	ng	#	62
6) Aniline	7.18	93	301780	24.46	ng		93
8) 2-Chlorophenol	7.41	128	307483	45.56	ng		83
9) Benzaldehyde	6.99	77	228130	31.93	ng	#	79
10) Phenol	7.03	94	449380	45.69	ng		89
11) bis(2-Chloroethyl)ether	7.27	93	325160	40.33	ng		85
12) 1,3-Dichlorobenzene	7.73	146	322197	39.87	ng	#	87
13) 1,4-Dichlorobenzene	7.88	146	331913	39.75	ng	#	93
14) 1,2-Dichlorobenzene	8.20	146	317063	39.11	ng	#	92
15) Benzyl Alcohol	8.09	79	364468	45.93	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	555277	39.63	ng		96
17) 2-Methylphenol	8.28	107	288427	44.82	ng	#	85
18) Hexachloroethane	8.92	117	139016	40.70	ng		91
19) n-Nitroso-di-n-propylamine	8.65	70	317883	43.44	ng	#	91
20) 3+4-Methylphenols	8.61	107	377783	43.18	ng		89
22) Acetophenone	8.67	105	500970	38.71	ng	#	89
24) Nitrobenzene	9.06	77	468358	39.06	ng		94
25) Isophorone	9.57	82	769398	41.21	ng	#	88
26) 2-Nitrophenol	9.76	139	150797	41.70	ng	#	43
27) 2,4-Dimethylphenol	9.81	122	289841	43.81	ng	#	80
28) bis(2-Chloroethoxy)methane	10.05	93	455343	39.39	ng		98
29) 2,4-Dichlorophenol	10.29	162	304210	43.98	ng		93
30) 1,2,4-Trichlorobenzene	10.50	180	333252	38.83	ng		99
31) Naphthalene	10.69	128	930149	38.19	ng		99
32) Benzoic acid	9.93	122	133562	29.86	ng	#	74
33) 4-Chloroaniline	10.81	127	129676	13.80	ng	#	80
34) Hexachlorobutadiene	10.96	225	220255	37.48	ng		95
35) Caprolactam	11.59	113	89493m	42.38	ng		
36) 4-Chloro-3-methylphenol	11.92	107	343335	43.87	ng	#	79
37) 2-Methylnaphthalene	12.30	142	694251	41.29	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	395316	38.63	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	480880	81.87	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	258554	44.19	ng		99
43) 2,4,5-Trichlorophenol	12.99	196	264306	40.48	ng	#	88
45) 1,1'-Biphenyl	13.32	154	898968	39.85	ng		98
46) 2-Chloronaphthalene	13.36	162	717397	40.94	ng		95
47) 2-Nitroaniline	13.57	65	283809	43.96	ng	#	71
48) Acenaphthylene	14.22	152	1147681	40.21	ng		99
49) Dimethylphthalate	13.95	163	911399	43.79	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	197503	44.04	ng	#	69
51) Acenaphthene	14.56	154	700977	40.71	ng		98
52) 3-Nitroaniline	14.40	138	101731	23.02	ng	#	65
53) 2,4-Dinitrophenol	14.61	184	202599	67.87	ng		98
54) Dibenzofuran	14.89	168	1135782	44.60	ng		96
55) 4-Nitrophenol	14.70	139	327923	89.79	ng	#	17
56) 2,4-Dinitrotoluene	14.86	165	282293	46.53	ng		98
57) Fluorene	15.54	166	935904	40.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.12	232	256878	46.52	ng	#	100
59) Diethylphthalate	15.31	149	935612	44.32	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	478854	40.07	ng		98
61) 4-Nitroaniline	15.57	138	200805	41.84	ng	#	30
62) Azobenzene	15.83	77	1201538	48.75	ng		86
64) 4,6-Dinitro-2-methylphenol	15.62	198	155016	38.09	ng		89
65) n-Nitrosodiphenylamine	15.75	169	808479	41.20	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	301018	40.22	ng	#	92
67) Hexachlorobenzene	16.54	284	326592	39.81	ng	#	90
68) Atrazine	16.70	200	296312	40.15	ng		96
69) Pentachlorophenol	16.89	266	389708	77.77	ng		99
70) Phenanthrene	17.28	178	1493591	40.44	ng		99
71) Anthracene	17.37	178	1545876	41.34	ng		99
72) Carbazole	17.64	167	1387975	38.75	ng		100
73) Di-n-butylphthalate	18.19	149	1605325	43.88	ng	#	98
74) Fluoranthene	19.30	202	1830212	41.83	ng		98
76) Benzidine	19.49	184	735907	28.78	ng		99
77) Pyrene	19.66	202	1924395	39.55	ng		100
79) Butylbenzylphthalate	20.54	149	775879	44.29	ng	#	71
80) Benzo(a)anthracene	21.40	228	2054201	41.00	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	451227	24.05	ng	#	94
82) Chrysene	21.46	228	1848933	38.65	ng		99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1127572	43.13	ng		97
84) Di-n-octyl phthalate	22.21	149	2024249	46.53	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2279056	43.68	ng	#	100
87) Benzo(b)fluoranthene	23.03	252	2087913	40.70	ng	#	96
88) Benzo(k)fluoranthene	23.08	252	2069561	41.95	ng		97
89) Benzo(a)pyrene	23.64	252	2020292	42.53	ng		98
90) Dibenzo(a,h)anthracene	26.11	278	1921711	41.30	ng	#	95
91) Benzo(g,h,i)perylene	26.83	276	1857007	40.94	ng	#	92

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

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