Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009453.D
Acq On : 30 Mar 2017 16:33
Operator : SJ/MA
Sample : PB97931BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Manual Integrations APPROVED
mohammad
3/31/2017 2:11:59 PM

Quant Time: Mar 31 08:54:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	106171	20.00	ng		-0.01
21) Naphthalene-d8	10.65	136	406574	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	250233	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	593952	20.00	ng		0.00
75) Chrysene-d12	21.42	240	826253	20.00	ng		0.00
86) Perylene-d12	23.74	264	781063	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	604959	94.98	ng		-0.01
7) Phenol-d6	7.01	99	830853	95.65	ng		-0.01
23) Nitrobenzene-d5	9.02	82	921223	84.95	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	308799	99.34	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	1784962	85.95	ng		-0.01
78) Terphenyl-d14	19.86	244	2938271	74.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	112459	35.11	ng	#	100
3) Pyridine	3.75	79	348945	38.55	ng	#	79
4) n-Nitrosodimethylamine	3.67	42	200744	41.66	ng	#	63
6) Aniline	7.18	93	304684	25.81	ng		92
8) 2-Chlorophenol	7.41	128	304330	47.12	ng	#	78
9) Benzaldehyde	7.00	77	73410	10.74	ng	#	82
10) Phenol	7.04	94	439153	46.66	ng		89
11) bis(2-Chloroethyl)ether	7.27	93	329712	42.74	ng	#	81
12) 1,3-Dichlorobenzene	7.73	146	323812	41.88	ng	#	84
13) 1,4-Dichlorobenzene	7.89	146	332630	41.63	ng	#	93
14) 1,2-Dichlorobenzene	8.20	146	321879	41.49	ng	#	93
15) Benzyl Alcohol	8.09	79	356383	46.93	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.38	45	554527	41.36	ng		95
17) 2-Methylphenol	8.29	107	284295	46.16	ng	#	88
18) Hexachloroethane	8.92	117	137860	42.18	ng		88
19) n-Nitroso-di-n-propylamine	8.65	70	308085	44.00	ng	#	92
20) 3+4-Methylphenols	8.61	107	383957	45.86	ng		90
22) Acetophenone	8.67	105	512719	44.71	ng	#	90
24) Nitrobenzene	9.06	77	464034	43.68	ng		92
25) Isophorone	9.57	82	749882	45.33	ng	#	88
26) 2-Nitrophenol	9.76	139	152426	47.57	ng	#	50
27) 2,4-Dimethylphenol	9.82	122	293211	50.02	ng	#	80
28) bis(2-Chloroethoxy)methane	10.06	93	452333	44.16	ng		99
29) 2,4-Dichlorophenol	10.29	162	296660	48.41	ng		95
30) 1,2,4-Trichlorobenzene	10.51	180	336080	44.20	ng		97
31) Naphthalene	10.70	128	937298	43.43	ng		99
32) Benzoic acid	9.93	122	165109	41.42	ng	#	77
33) 4-Chloroaniline	10.82	127	147957	17.77	ng	#	80
34) Hexachlorobutadiene	10.97	225	219162	42.10	ng		98
35) Caprolactam	11.59	113	90148m	48.19	ng		
36) 4-Chloro-3-methylphenol	11.93	107	336702	48.57	ng	#	80
37) 2-Methylnaphthalene	12.31	142	681913	45.78	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	388333	41.11	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	491395	90.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	260030	48.14	ng		97
43) 2,4,5-Trichlorophenol	12.99	196	269441	44.70	ng	#	85
45) 1,1'-Biphenyl	13.32	154	908845	43.64	ng		97
46) 2-Chloronaphthalene	13.37	162	722795	44.68	ng		96
47) 2-Nitroaniline	13.58	65	281755	47.28	ng	#	71
48) Acenaphthylene	14.22	152	1148704	43.60	ng		99
49) Dimethylphthalate	13.95	163	890816	46.37	ng	#	98
50) 2,6-Dinitrotoluene	14.07	165	188678	45.57	ng	#	62
51) Acenaphthene	14.56	154	702945	44.22	ng		99
52) 3-Nitroaniline	14.41	138	107866	26.44	ng	#	42
53) 2,4-Dinitrophenol	14.62	184	235278	83.97	ng		96
54) Dibenzofuran	14.89	168	1148715	48.86	ng		93
55) 4-Nitrophenol	14.71	139	342782	101.67	ng	#	22
56) 2,4-Dinitrotoluene	14.86	165	280644	50.10	ng		96
57) Fluorene	15.54	166	927282	43.89	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	255663	50.15	ng	#	100
59) Diethylphthalate	15.31	149	925813	47.50	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	488440	44.27	ng		98
61) 4-Nitroaniline	15.57	138	210056	47.41	ng	#	28
62) Azobenzene	15.83	77	1194721	52.51	ng		85
64) 4,6-Dinitro-2-methylphenol	15.62	198	161639	43.20	ng		87
65) n-Nitrosodiphenylamine	15.75	169	824483	45.70	ng		98
66) 4-Bromophenyl-phenylether	16.43	248	307440	44.68	ng	#	92
67) Hexachlorobenzene	16.54	284	329187	43.64	ng	#	88
68) Atrazine	16.70	200	282644	41.65	ng		97
69) Pentachlorophenol	16.89	266	408174	88.58	ng		96
70) Phenanthrene	17.29	178	1507258	44.38	ng		100
71) Anthracene	17.37	178	1551672	45.12	ng		100
72) Carbazole	17.65	167	1416050	43.00	ng		99
73) Di-n-butylphthalate	18.20	149	1613059	47.95	ng	#	97
74) Fluoranthene	19.30	202	1864136	46.34	ng		98
76) Benzidine	19.49	184	765716	31.09	ng		100
77) Pyrene	19.66	202	1964472	41.92	ng		100
79) Butylbenzylphthalate	20.55	149	788983	46.76	ng	#	78
80) Benzo(a)anthracene	21.40	228	2145695	44.46	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	632125	34.98	ng		99
82) Chrysene	21.46	228	1933178	41.95	ng		99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1170823	46.49	ng		98
84) Di-n-octyl phthalate	22.22	149	2059977	49.16	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2444789	48.65	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2209425	44.63	ng	#	96
88) Benzo(k)fluoranthene	23.09	252	2141007m	44.97	ng		
89) Benzo(a)pyrene	23.64	252	2104373	45.90	ng		99
90) Dibenzo(a,h)anthracene	26.13	278	2065998	46.00	ng	#	95
91) Benzo(g,h,i)perylene	26.84	276	1993578	45.53	ng	#	91

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

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