Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093367.D
Acq On : 3 Mar 2017 19:11
Operator : SJ/MA
Sample : PB97309BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97309BS

Manual Integrations APPROVED
mohammad
3/6/2017 4:23:23 PM

Quant Time: Mar 03 22:59:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 22:55:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	186230	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	735173	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	352193	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	648962	20.00	ng		0.00
75) Chrysene-d12	13.95	240	542135	20.00	ng		0.00
86) Perylene-d12	15.36	264	368408	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1325581	122.12	ng		0.01
7) Phenol-d6	6.44	99	1645080	117.79	ng		0.00
23) Nitrobenzene-d5	7.36	82	1164173	88.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	344569	135.27	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	1731018	89.04	ng		0.00
78) Terphenyl-d14	12.89	244	1439908	62.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	188801	32.19	ng	#	84
3) Pyridine	3.09	79	565528	37.92	ng		88
4) n-Nitrosodimethylamine	3.06	42	303152	43.29	ng		87
6) Aniline	6.45	93	293376	15.40	ng	#	26
8) 2-Chlorophenol	6.58	128	523300	43.70	ng		91
9) Benzaldehyde	6.33	77	132986	13.29	ng		86
10) Phenol	6.45	94	683344	41.82	ng		85
11) bis(2-Chloroethyl)ether	6.52	93	531293	40.73	ng		90
12) 1,3-Dichlorobenzene	6.73	146	563047	40.14	ng		99
13) 1,4-Dichlorobenzene	6.80	146	562507	39.62	ng		99
14) 1,2-Dichlorobenzene	6.96	146	522540	38.49	ng		98
15) Benzyl Alcohol	6.94	79	423955	41.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	872120	38.49	ng		73
17) 2-Methylphenol	7.06	107	422181	41.09	ng		93
18) Hexachloroethane	7.30	117	198105	40.88	ng	#	87
19) n-Nitroso-di-n-propylamine	7.21	70	375903	42.28	ng		93
20) 3+4-Methylphenols	7.22	107	604378	49.20	ng	#	76
22) Acetophenone	7.21	105	755147	44.99	ng	#	95
24) Nitrobenzene	7.38	77	596843	44.03	ng		98
25) Isophorone	7.62	82	1040022	42.28	ng		96
26) 2-Nitrophenol	7.70	139	300156	46.58	ng		93
27) 2,4-Dimethylphenol	7.74	122	484796	42.84	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	641259	39.36	ng		99
29) 2,4-Dichlorophenol	7.95	162	438100	41.51	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	445006	39.12	ng		96
31) Naphthalene	8.10	128	1451676	38.95	ng		99
32) Benzoic acid	7.89	122	248394	40.12	ng		97
33) 4-Chloroaniline	8.16	127	136534	9.34	ng		98
34) Hexachlorobutadiene	8.21	225	233426	37.30	ng		99
35) Caprolactam	8.53	113	149521m	45.04	ng		
36) 4-Chloro-3-methylphenol	8.66	107	494050	44.90	ng		94
37) 2-Methylnaphthalene	8.78	142	922165	38.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	441884	44.70	ng		100
40) Hexachlorocyclopentadiene	8.93	237	221428	49.64	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	286409	44.09	ng		91
43) 2,4,5-Trichlorophenol	9.13	196	293822	41.28	ng	#	84
45) 1,1'-Biphenyl	9.25	154	1186994	46.54	ng		99
46) 2-Chloronaphthalene	9.28	162	915237	45.88	ng		98
47) 2-Nitroaniline	9.38	65	292860	43.66	ng		95
48) Acenaphthylene	9.69	152	1339810	38.88	ng		99
49) Dimethylphthalate	9.55	163	1108706	46.74	ng		99
50) 2,6-Dinitrotoluene	9.63	165	235039	45.88	ng	#	69
51) Acenaphthene	9.86	154	841342	40.83	ng		97
52) 3-Nitroaniline	9.79	138	96877	16.52	ng		99
53) 2,4-Dinitrophenol	9.92	184	203503	78.20	ng	#	85
54) Dibenzofuran	10.03	168	1166255	42.32	ng		96
55) 4-Nitrophenol	9.98	139	303151	71.79	ng	#	80
56) 2,4-Dinitrotoluene	10.03	165	268925	39.43	ng	#	71
57) Fluorene	10.37	166	936635	44.17	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	234540	49.40	ng		94
59) Diethylphthalate	10.25	149	963636	43.10	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	419807	41.21	ng		89
61) 4-Nitroaniline	10.41	138	233643	38.91	ng		92
62) Azobenzene	10.52	77	1120073	48.50	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	163634	41.79	ng	#	31
65) n-Nitrosodiphenylamine	10.49	169	852982	41.14	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	275019	40.56	ng	#	86
67) Hexachlorobenzene	10.92	284	265275	39.59	ng	#	91
68) Atrazine	11.01	200	243321	36.57	ng		100
69) Pentachlorophenol	11.13	266	220851	65.31	ng		98
70) Phenanthrene	11.33	178	1399067	37.63	ng		99
71) Anthracene	11.39	178	1490766	39.93	ng		98
72) Carbazole	11.54	167	1308662	36.67	ng		99
73) Di-n-butylphthalate	11.87	149	1700272	44.05	ng	#	96
74) Fluoranthene	12.52	202	1478051	38.54	ng		95
76) Benzidine	12.65	184	329584	14.27	ng		96
77) Pyrene	12.75	202	1503933	37.07	ng		99
79) Butylbenzylphthalate	13.37	149	729443	44.27	ng	#	73
80) Benzo(a)anthracene	13.94	228	1182726	35.67	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	245005	20.73	ng		96
82) Chrysene	13.97	228	1036596m	33.39	ng		
83) Bis(2-ethylhexyl)phthalate	13.92	149	884475	39.25	ng		100
84) Di-n-octyl phthalate	14.53	149	1487598	40.54	ng		99
85) Indeno(1,2,3-cd)pyrene	16.75	276	845502	35.16	ng	#	94
87) Benzo(b)fluoranthene	14.97	252	1140389m	47.03	ng		
88) Benzo(k)fluoranthene	14.99	252	743357m	35.50	ng		
89) Benzo(a)pyrene	15.31	252	885068	42.20	ng		97
90) Dibenzo(a,h)anthracene	16.75	278	709601	41.86	ng		98
91) Benzo(g,h,i)perylene	17.16	276	740680	43.25	ng	#	95

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

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