Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
Data File : BF089823.D
Acq On : 23 Aug 2016 10:05
Operator : UM/SJ
Sample : H4547-01MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Manual Integrations APPROVED
UMANGI
8/25/2016 5:21:53 PM

Quant Time: Aug 25 13:20:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	494589	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	1958200	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	947761	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1754693	20.00	ng		0.00
75) Chrysene-d12	13.90	240	1507211	20.00	ng		0.02
86) Perylene-d12	15.44	264	1436066	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	3427006	118.83	ng		-0.01
7) Phenol-d6	6.31	99	4296210	121.35	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2527619	80.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	1105577	122.75	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	3988496	73.96	ng		-0.01
78) Terphenyl-d14	12.79	244	3837576	57.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	474510	33.25	ng		98
3) Pyridine	2.82	79	1432004	38.25	ng		90
4) n-Nitrosodimethylamine	2.78	42	559738	40.16	ng	#	77
6) Aniline	6.33	93	1525856	32.13	ng	#	71
8) 2-Chlorophenol	6.46	128	1446110	41.93	ng	#	78
9) Benzaldehyde	6.20	77	369481	16.02	ng		88
10) Phenol	6.33	94	1632151	39.33	ng		92
11) bis(2-Chloroethyl)ether	6.41	93	1267834	39.41	ng		99
12) 1,3-Dichlorobenzene	6.60	146	1387916	38.49	ng		98
13) 1,4-Dichlorobenzene	6.68	146	1435949	38.74	ng		98
14) 1,2-Dichlorobenzene	6.84	146	1410666	40.77	ng		99
15) Benzyl Alcohol	6.82	79	1131904	48.21	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1521735	36.95	ng		92
17) 2-Methylphenol	6.94	107	1152819	42.68	ng		97
18) Hexachloroethane	7.19	117	564832m	42.73	ng		
19) n-Nitroso-di-n-propylamine	7.10	70	891295	39.36	ng		88
20) 3+4-Methylphenols	7.10	107	1499266	45.27	ng	#	51
22) Acetophenone	7.08	105	1834151	40.79	ng	#	89
24) Nitrobenzene	7.26	77	1493584	42.23	ng		95
25) Isophorone	7.50	82	2604689	40.97	ng		98
26) 2-Nitrophenol	7.58	139	821223	46.54	ng		96
27) 2,4-Dimethylphenol	7.62	122	1362033	42.83	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	1783655	45.35	ng	#	96
29) 2,4-Dichlorophenol	7.82	162	1184390	44.39	ng		96
30) 1,2,4-Trichlorobenzene	7.90	180	1195515	40.51	ng		99
31) Naphthalene	7.98	128	4754653	51.95	ng		97
32) Benzoic acid	7.71	122	314670	12.70	ng		97
33) 4-Chloroaniline	8.03	127	1032765	26.03	ng		98
34) Hexachlorobutadiene	8.10	225	591439	38.27	ng		99
35) Caprolactam	8.40	113	339994m	41.84	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1265378	43.79	ng		92
37) 2-Methylnaphthalene	8.67	142	3287379	55.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	851368	27.74	ng		98
40) Hexachlorocyclopentadiene	8.83	237	1170623	109.86	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	816179	42.27	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	835215	43.49	ng		97
45) 1,1'-Biphenyl	9.14	154	2722689	37.12	ng		94
46) 2-Chloronaphthalene	9.15	162	2217101	38.24	ng		98
47) 2-Nitroaniline	9.26	65	820831	49.64	ng	#	70
48) Acenaphthylene	9.56	152	3615089	41.50	ng		99
49) Dimethylphthalate	9.45	163	4161606	62.36	ng		97
50) 2,6-Dinitrotoluene	9.51	165	658753	42.76	ng	#	62
51) Acenaphthene	9.75	154	2611579	45.29	ng		99
52) 3-Nitroaniline	9.67	138	581264	34.05	ng	#	72
53) 2,4-Dinitrophenol	9.77	184	541037	65.03	ng	#	76
54) Dibenzofuran	9.92	168	3436208	47.45	ng		90
55) 4-Nitrophenol	9.84	139	1275959	91.58	ng	#	74
56) 2,4-Dinitrotoluene	9.90	165	786131	39.33	ng	#	62
57) Fluorene	10.25	166	2420153	41.93	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	697404	49.90	ng		98
59) Diethylphthalate	10.15	149	2736543	40.37	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	1025984	38.97	ng		93
61) 4-Nitroaniline	10.27	138	695960	43.49	ng		96
62) Azobenzene	10.41	77	2791982	43.81	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	446371	44.27	ng	#	68
65) n-Nitrosodiphenylamine	10.38	169	2486476	45.07	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	748654	40.69	ng	#	84
67) Hexachlorobenzene	10.80	284	807520	38.48	ng	#	86
68) Atrazine	10.90	200	701331	41.51	ng		96
69) Pentachlorophenol	10.99	266	886993	74.56	ng		98
70) Phenanthrene	11.21	178	3579856	40.39	ng		95
71) Anthracene	11.26	178	3801147	42.19	ng		99
72) Carbazole	11.42	167	3269156	40.46	ng		97
73) Di-n-butylphthalate	11.77	149	4312501	42.66	ng		98
74) Fluoranthene	12.40	202	3876904	45.99	ng		97
76) Benzidine	12.53	184	2025206	41.52	ng		98
77) Pyrene	12.63	202	3954298	32.22	ng		97
79) Butylbenzylphthalate	13.29	149	1911208	34.48	ng		92
80) Benzo(a)anthracene	13.89	228	3374414	39.09	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	994506	35.14	ng		99
82) Chrysene	13.92	228	2872682	38.82	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	2589916	33.92	ng		97
84) Di-n-octyl phthalate	14.62	149	4525825	44.60	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.74	276	3101315	32.85	ng		99
87) Benzo(b)fluoranthene	15.04	252	3308089	41.87	ng		97
88) Benzo(k)fluoranthene	15.07	252	3239528m	45.20	ng		
89) Benzo(a)pyrene	15.38	252	3117576	41.69	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	2590655	31.92	ng		99
91) Benzo(g,h,i)perylene	17.13	276	2508594	29.35	ng	#	93

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

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