Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085598.D
Acq On : 20 Mar 2016 5:16
Operator : UM/SJ
Sample : H1790-05MSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Manual Integrations APPROVED
apatel
3/21/2016 5:10:03 PM

Quant Time: Mar 21 04:38:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132782	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	513795	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	231547	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	362001	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	250644	20.00	ng		0.00
86) Perylene-d12	15.44	264	253970	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	993902	125.73	ng		0.02
7) Phenol-d6	6.49	99	1116360	110.11	ng		0.00
23) Nitrobenzene-d5	7.42	82	794336	89.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	288905	127.37	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1308948	101.26	ng		-0.01
78) Terphenyl-d14	12.96	244	1023334	98.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	124380	32.37	ng		99
3) Pyridine	3.33	79	244010	25.86	ng		99
4) n-Nitrosodimethylamine	3.26	42	149430	37.93	ng		99
6) Aniline	6.52	93	215995	15.86	ng	#	68
8) 2-Chlorophenol	6.64	128	379232	41.47	ng		96
9) Benzaldehyde	6.40	77	49149	7.50	ng		99
10) Phenol	6.50	94	355386	30.77	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	388026	44.57	ng		99
12) 1,3-Dichlorobenzene	6.80	146	386271	38.76	ng		99
13) 1,4-Dichlorobenzene	6.87	146	382355	37.61	ng		99
14) 1,2-Dichlorobenzene	7.03	146	377197	41.79	ng		98
15) Benzyl Alcohol	7.00	79	305502	43.99	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	454776	39.72	ng		95
17) 2-Methylphenol	7.11	107	312288	41.19	ng		99
18) Hexachloroethane	7.36	117	137762	37.53	ng	#	78
19) n-Nitroso-di-n-propylamine	7.27	70	248346	41.01	ng		93
20) 3+4-Methylphenols	7.27	107	354593	40.39	ng		97
22) Acetophenone	7.27	105	480945	39.45	ng	#	97
24) Nitrobenzene	7.44	77	415130	42.85	ng		96
25) Isophorone	7.68	82	742655	41.91	ng		96
26) 2-Nitrophenol	7.76	139	209017	43.65	ng	#	89
27) 2,4-Dimethylphenol	7.80	122	335991	39.68	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	440916	43.74	ng		99
29) 2,4-Dichlorophenol	8.00	162	314699	45.00	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	314666	40.17	ng		97
31) Naphthalene	8.16	128	1133253	43.70	ng		100
32) Benzoic acid	7.92	122	223325	31.54	ng		99
33) 4-Chloroaniline	8.21	127	101829	9.58	ng	#	92
34) Hexachlorobutadiene	8.28	225	162154	38.84	ng		98
35) Caprolactam	8.58	113	92147m	38.30	ng		
36) 4-Chloro-3-methylphenol	8.70	107	329168	40.30	ng		100
37) 2-Methylnaphthalene	8.86	142	737534	46.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	275820	39.27	ng		99
40) Hexachlorocyclopentadiene	9.01	237	145058	45.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	212012	44.10	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	215442	44.03	ng	#	89
45) 1,1'-Biphenyl	9.32	154	769844	38.54	ng		98
46) 2-Chloronaphthalene	9.34	162	597097	40.92	ng	#	92
47) 2-Nitroaniline	9.44	65	216464	49.04	ng		93
48) Acenaphthylene	9.76	152	1055823	44.71	ng		99
49) Dimethylphthalate	9.62	163	810665	46.40	ng		99
50) 2,6-Dinitrotoluene	9.68	165	157858	42.79	ng		93
51) Acenaphthene	9.93	154	686314	46.32	ng		99
52) 3-Nitroaniline	9.85	138	111137	24.06	ng	#	80
53) 2,4-Dinitrophenol	9.96	184	90025	39.84	ng		92
54) Dibenzofuran	10.10	168	902957	50.04	ng		98
55) 4-Nitrophenol	10.01	139	217109	60.81	ng		91
56) 2,4-Dinitrotoluene	10.08	165	209305	43.34	ng	#	50
57) Fluorene	10.45	166	652809	43.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	162723	46.19	ng		98
59) Diethylphthalate	10.32	149	796989	45.88	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	320915	43.70	ng		92
61) 4-Nitroaniline	10.46	138	152612	33.51	ng		85
62) Azobenzene	10.60	77	778135	46.68	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	68548	29.59	ng		82
65) n-Nitrosodiphenylamine	10.55	169	563856	50.00	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	190677	52.73	ng	#	90
67) Hexachlorobenzene	11.00	284	186063	48.43	ng	#	87
68) Atrazine	11.09	200	192161	55.97	ng		96
69) Pentachlorophenol	11.19	266	181619	77.86	ng		99
70) Phenanthrene	11.41	178	903387	47.33	ng		98
71) Anthracene	11.45	178	864364	43.19	ng		100
72) Carbazole	11.61	167	781265	45.25	ng		98
73) Di-n-butylphthalate	11.94	149	1080109	49.96	ng		98
74) Fluoranthene	12.58	202	717939	35.92	ng		97
76) Benzidine	12.71	184	193178	22.92	ng		97
77) Pyrene	12.81	202	729709	40.55	ng		100
79) Butylbenzylphthalate	13.43	149	347982	40.57	ng	#	74
80) Benzo(a)anthracene	14.00	228	635909	43.70	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	159801	29.97	ng	#	97
82) Chrysene	14.04	228	550681	39.34	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	467902	43.90	ng	#	98
84) Di-n-octyl phthalate	14.61	149	861437	49.60	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	644296	55.08	ng		99
87) Benzo(b)fluoranthene	15.03	252	689366	41.60	ng		98
88) Benzo(k)fluoranthene	15.05	252	644124m	47.18	ng		
89) Benzo(a)pyrene	15.39	252	658103	46.84	ng	#	96
90) Dibenzo(a,h)anthracene	16.86	278	558023	47.62	ng		98
91) Benzo(g,h,i)perylene	17.26	276	497759	43.89	ng		98

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

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