Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085910.D
Acq On : 31 Mar 2016 4:25
Operator : UM/SJ
Sample : H2049-05MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Manual Integrations APPROVED
Sohil
3/31/2016 4:52:49 PM

Quant Time: Mar 31 05:05:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104512	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	404355	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	186718	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	305255	20.00	ng		0.00
75) Chrysene-d12	13.96	240	193119	20.00	ng		-0.01
86) Perylene-d12	15.37	264	201550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	961380	153.20	ng		0.01
7) Phenol-d6	6.45	99	1133618	142.08	ng		0.00
23) Nitrobenzene-d5	7.37	82	753314	104.91	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	236557	133.34	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1168751	104.58	ng		0.00
78) Terphenyl-d14	12.90	244	814060	86.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	129879	43.34	ng		100
3) Pyridine	3.11	79	328696	45.75	ng		100
4) n-Nitrosodimethylamine	3.06	42	152415	53.00	ng		97
6) Aniline	6.47	93	314308	29.27	ng		98
8) 2-Chlorophenol	6.58	128	361680	49.60	ng		94
9) Benzaldehyde	6.34	77	186317	38.76	ng		98
10) Phenol	6.46	94	484886	53.64	ng		91
11) bis(2-Chloroethyl)ether	6.54	93	333779	47.98	ng		97
12) 1,3-Dichlorobenzene	6.73	146	370308m	47.16	ng		
13) 1,4-Dichlorobenzene	6.81	146	369772	46.44	ng		98
14) 1,2-Dichlorobenzene	6.97	146	355654	47.93	ng		98
15) Benzyl Alcohol	6.95	79	275013	51.66	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	437634	47.42	ng		93
17) 2-Methylphenol	7.06	107	292788	50.16	ng		98
18) Hexachloroethane	7.30	117	132280	45.37	ng	#	81
19) n-Nitroso-di-n-propylamine	7.22	70	245866	51.46	ng		96
20) 3+4-Methylphenols	7.22	107	364342	51.91	ng	#	77
22) Acetophenone	7.21	105	476158	50.55	ng		95
24) Nitrobenzene	7.38	77	356159	48.12	ng		98
25) Isophorone	7.62	82	698990	50.53	ng		100
26) 2-Nitrophenol	7.70	139	192326	51.94	ng		91
27) 2,4-Dimethylphenol	7.75	122	342581	52.93	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	454051	57.61	ng		99
29) 2,4-Dichlorophenol	7.96	162	286675	52.69	ng		92
30) 1,2,4-Trichlorobenzene	8.02	180	291600	48.27	ng		97
31) Naphthalene	8.10	128	943168	46.29	ng		100
32) Benzoic acid	7.83	122	19876	4.62	ng		95
33) 4-Chloroaniline	8.16	127	150527	18.10	ng		97
34) Hexachlorobutadiene	8.23	225	151999	46.30	ng		98
35) Caprolactam	8.54	113	95883	49.75	ng		94
36) 4-Chloro-3-methylphenol	8.65	107	310001	48.77	ng		96
37) 2-Methylnaphthalene	8.80	142	663414	60.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	261596	47.24	ng		99
40) Hexachlorocyclopentadiene	8.95	237	86643	42.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	194690	52.06	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	191735	48.89	ng		99
45) 1,1'-Biphenyl	9.27	154	733539	46.56	ng		93
46) 2-Chloronaphthalene	9.29	162	584399	50.44	ng		99
47) 2-Nitroaniline	9.38	65	185104	52.25	ng	#	83
48) Acenaphthylene	9.70	152	925636	49.03	ng		100
49) Dimethylphthalate	9.57	163	905141	63.90	ng		100
50) 2,6-Dinitrotoluene	9.64	165	160650	52.69	ng	#	85
51) Acenaphthene	9.88	154	531774	46.12	ng		99
52) 3-Nitroaniline	9.81	138	122993	35.24	ng	#	76
53) 2,4-Dinitrophenol	9.92	184	32396	25.48	ng	#	74
54) Dibenzofuran	10.05	168	753676	50.50	ng		98
55) 4-Nitrophenol	9.98	139	217967	95.86	ng		98
56) 2,4-Dinitrotoluene	10.04	165	177816	45.88	ng	#	41
57) Fluorene	10.39	166	597717	48.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	148740	54.57	ng		95
59) Diethylphthalate	10.26	149	627952	44.87	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	260418	42.93	ng		99
61) 4-Nitroaniline	10.41	138	141100	42.27	ng		88
62) Azobenzene	10.54	77	684494	50.89	ng		98
64) 4,6-Dinitro-2-methylphenol	10.45	198	50393	28.19	ng		97
65) n-Nitrosodiphenylamine	10.50	169	553814	57.28	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	172851	55.35	ng		98
67) Hexachlorobenzene	10.94	284	174857	53.54	ng		95
68) Atrazine	11.03	200	162686	49.84	ng		98
69) Pentachlorophenol	11.13	266	151203	94.30	ng		100
70) Phenanthrene	11.35	178	848370	54.13	ng		100
71) Anthracene	11.40	178	777126	47.23	ng		99
72) Carbazole	11.56	167	713795	51.67	ng		99
73) Di-n-butylphthalate	11.89	149	983105	51.86	ng		100
74) Fluoranthene	12.53	202	692058	41.54	ng		99
76) Benzidine	12.65	184	288829	42.47	ng		98
77) Pyrene	12.76	202	644794	40.62	ng		99
79) Butylbenzylphthalate	13.37	149	328629	49.43	ng	#	64
80) Benzo(a)anthracene	13.95	228	530840	48.21	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	144237	18.87	ng		99
82) Chrysene	13.99	228	514440	46.38	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	429955	54.02	ng		100
84) Di-n-octyl phthalate	14.55	149	745848	63.01	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	531822	62.09	ng		99
87) Benzo(b)fluoranthene	14.97	252	566358m	44.61	ng		
88) Benzo(k)fluoranthene	15.00	252	508748m	44.45	ng		
89) Benzo(a)pyrene	15.32	252	536191	47.56	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	464194	44.32	ng		97
91) Benzo(g,h,i)perylene	17.17	276	406362	38.31	ng		96

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

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