Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085741.D
Acq On : 25 Mar 2016 4:42
Operator : UM/SJ
Sample : H1884-19MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-01(13-15)MSD

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:41 PM

Quant Time: Mar 25 07:23:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109808	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	452464	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	213030	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	411752	20.00	ng		0.00
75) Chrysene-d12	13.98	240	254594	20.00	ng		0.00
86) Perylene-d12	15.40	264	194951	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	917348	139.13	ng		0.02
7) Phenol-d6	6.47	99	1187197	141.62	ng		0.01
23) Nitrobenzene-d5	7.40	82	744423	92.65	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	357716	176.74	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1168078	91.61	ng		0.00
78) Terphenyl-d14	12.93	244	1032005	83.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	136546	43.37	ng		99
3) Pyridine	3.17	79	399952	52.99	ng		99
4) n-Nitrosodimethylamine	3.13	42	163548	54.12	ng		100
6) Aniline	6.49	93	313134	27.75	ng		97
8) 2-Chlorophenol	6.61	128	376434	49.14	ng		86
9) Benzaldehyde	6.37	77	53663	10.62	ng		90
10) Phenol	6.48	94	454636	47.87	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	361565	49.47	ng		94
12) 1,3-Dichlorobenzene	6.77	146	409187m	49.60	ng		
13) 1,4-Dichlorobenzene	6.85	146	404854m	48.39	ng		
14) 1,2-Dichlorobenzene	7.00	146	381891	48.98	ng		98
15) Benzyl Alcohol	6.97	79	280783	50.20	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	457341	47.16	ng		95
17) 2-Methylphenol	7.09	107	316458	51.60	ng		99
18) Hexachloroethane	7.34	117	155608	50.80	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	229008	45.62	ng		94
20) 3+4-Methylphenols	7.25	107	382017	51.81	ng	#	84
22) Acetophenone	7.24	105	496720	47.12	ng		96
24) Nitrobenzene	7.42	77	421806	50.93	ng	#	82
25) Isophorone	7.66	82	776577	50.17	ng	#	94
26) 2-Nitrophenol	7.73	139	196812	47.50	ng	#	87
27) 2,4-Dimethylphenol	7.77	122	371083	51.23	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	451154	51.16	ng		98
29) 2,4-Dichlorophenol	7.98	162	329330	54.09	ng		93
30) 1,2,4-Trichlorobenzene	8.06	180	335007	49.56	ng		96
31) Naphthalene	8.14	128	1116996	48.99	ng		99
32) Benzoic acid	7.85	122	21890	4.55	ng		96
33) 4-Chloroaniline	8.18	127	114520	12.30	ng		98
34) Hexachlorobutadiene	8.25	225	178897	48.69	ng		100
35) Caprolactam	8.56	113	111261m	51.59	ng		
36) 4-Chloro-3-methylphenol	8.68	107	375872	52.85	ng		96
37) 2-Methylnaphthalene	8.82	142	700287	55.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	325139	51.47	ng		99
40) Hexachlorocyclopentadiene	8.98	237	234550	88.04	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	233427	54.71	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	240330	53.71	ng	#	93
45) 1,1'-Biphenyl	9.29	154	888456	49.42	ng		96
46) 2-Chloronaphthalene	9.32	162	673054	50.92	ng		95
47) 2-Nitroaniline	9.42	65	224989	55.66	ng	#	76
48) Acenaphthylene	9.73	152	997270	46.30	ng		100
49) Dimethylphthalate	9.60	163	998861	61.80	ng		99
50) 2,6-Dinitrotoluene	9.66	165	180152	51.78	ng		89
51) Acenaphthene	9.90	154	613016	46.60	ng		97
52) 3-Nitroaniline	9.83	138	109023	27.38	ng	#	75
53) 2,4-Dinitrophenol	9.93	184	60065	37.63	ng		93
54) Dibenzofuran	10.07	168	839530	49.30	ng		96
55) 4-Nitrophenol	10.00	139	290428	111.95	ng		98
56) 2,4-Dinitrotoluene	10.06	165	221870	50.18	ng	#	50
57) Fluorene	10.41	166	669438	47.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	186210	59.88	ng		97
59) Diethylphthalate	10.30	149	839279	52.56	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	312733	45.19	ng		93
61) 4-Nitroaniline	10.45	138	205499	53.95	ng		99
62) Azobenzene	10.56	77	800891	52.19	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	95552	39.63	ng		93
65) n-Nitrosodiphenylamine	10.53	169	616600	47.28	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	197414	46.86	ng		93
67) Hexachlorobenzene	10.96	284	220100	49.96	ng	#	90
68) Atrazine	11.05	200	204235	46.38	ng		97
69) Pentachlorophenol	11.16	266	209806	97.01	ng		99
70) Phenanthrene	11.37	178	1037143	49.06	ng		100
71) Anthracene	11.43	178	1157612	52.16	ng		99
72) Carbazole	11.58	167	883994	47.44	ng		99
73) Di-n-butylphthalate	11.91	149	1180607	46.17	ng		100
74) Fluoranthene	12.56	202	1126050	50.11	ng		91
76) Benzidine	12.68	184	402472	44.89	ng		100
77) Pyrene	12.79	202	1127827	53.89	ng		99
79) Butylbenzylphthalate	13.41	149	496324	56.63	ng		99
80) Benzo(a)anthracene	13.97	228	720907	49.66	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	142663	14.16	ng		98
82) Chrysene	14.01	228	680273	46.52	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	554258	52.82	ng		100
84) Di-n-octyl phthalate	14.57	149	877530	56.24	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	634875	56.23	ng		99
87) Benzo(b)fluoranthene	15.00	252	638331m	51.98	ng		
88) Benzo(k)fluoranthene	15.02	252	523584m	47.29	ng		
89) Benzo(a)pyrene	15.34	252	551317	50.56	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	536095	52.91	ng		97
91) Benzo(g,h,i)perylene	17.20	276	538594	52.50	ng		98

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

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