Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086535.D
Acq On : 30 Apr 2016 20:40
Operator : UM/SJ
Sample : PB90056BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Manual Integrations APPROVED
sohil
5/2/2016 7:54:04 PM

Quant Time: May 01 05:09:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	141332	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	625480	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	292518	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	588412	20.00	ng		0.00
75) Chrysene-d12	13.92	240	414412	20.00	ng		0.00
86) Perylene-d12	15.31	264	329020	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1071142	130.73	ng		0.01
7) Phenol-d6	6.41	99	1379404	120.62	ng		0.00
23) Nitrobenzene-d5	7.33	82	876168	75.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	388009	125.78	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1488962	90.27	ng		0.00
78) Terphenyl-d14	12.88	244	1433586	76.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	133803	31.09	ng	#	78
3) Pyridine	3.06	79	376590	36.97	ng	#	75
4) n-Nitrosodimethylamine	3.00	42	245690	42.32	ng	#	62
6) Aniline	6.43	93	480369	34.71	ng	#	81
8) 2-Chlorophenol	6.56	128	415107	40.67	ng		97
9) Benzaldehyde	6.30	77	69810	10.49	ng		95
10) Phenol	6.42	94	455229	35.68	ng	#	50
11) bis(2-Chloroethyl)ether	6.51	93	453193	41.09	ng		93
12) 1,3-Dichlorobenzene	6.70	146	401104	36.54	ng	#	94
13) 1,4-Dichlorobenzene	6.78	146	426870	37.69	ng		95
14) 1,2-Dichlorobenzene	6.93	146	377509	36.34	ng		94
15) Benzyl Alcohol	6.92	79	336329	46.49	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	837789	37.95	ng		90
17) 2-Methylphenol	7.04	107	356291	43.19	ng		95
18) Hexachloroethane	7.28	117	153030	36.16	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	306406	40.53	ng	#	68
20) 3+4-Methylphenols	7.18	107	397856	42.24	ng		92
22) Acetophenone	7.18	105	557280	40.63	ng	#	89
24) Nitrobenzene	7.36	77	478704	40.10	ng		96
25) Isophorone	7.60	82	838497	37.54	ng		100
26) 2-Nitrophenol	7.68	139	218209	39.70	ng		94
27) 2,4-Dimethylphenol	7.72	122	397565	41.23	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	528853	43.47	ng		99
29) 2,4-Dichlorophenol	7.92	162	351128	43.15	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	349475	37.02	ng		97
31) Naphthalene	8.08	128	1233283	38.75	ng		99
32) Benzoic acid	7.85	122	186462	34.87	ng		89
33) 4-Chloroaniline	8.13	127	377637	31.68	ng		99
34) Hexachlorobutadiene	8.20	225	191014	36.10	ng		97
35) Caprolactam	8.50	113	115244m	42.46	ng		
36) 4-Chloro-3-methylphenol	8.61	107	382051	41.01	ng		90
37) 2-Methylnaphthalene	8.76	142	754635	40.18	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	305287	36.46	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	311656	74.90	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	227966	43.07	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	245557	42.57	ng	#	94
45) 1,1'-Biphenyl	9.23	154	920985	37.67	ng		96
46) 2-Chloronaphthalene	9.25	162	696506	37.47	ng		94
47) 2-Nitroaniline	9.36	65	296383	49.72	ng		91
48) Acenaphthylene	9.66	152	1106920	38.09	ng		99
49) Dimethylphthalate	9.54	163	890261	40.43	ng		100
50) 2,6-Dinitrotoluene	9.60	165	190126	41.79	ng	#	89
51) Acenaphthene	9.84	154	794257	42.55	ng		98
52) 3-Nitroaniline	9.77	138	177468	34.30	ng		98
53) 2,4-Dinitrophenol	9.87	184	183786	74.48	ng	#	75
54) Dibenzofuran	10.01	168	1008861	43.25	ng		94
55) 4-Nitrophenol	9.94	139	311957	92.08	ng	#	76
56) 2,4-Dinitrotoluene	10.00	165	240229	41.42	ng	#	83
57) Fluorene	10.35	166	719493	35.52	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	214565	47.57	ng		97
59) Diethylphthalate	10.24	149	819138	39.29	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	373712	40.64	ng		87
61) 4-Nitroaniline	10.38	138	230919	45.66	ng		85
62) Azobenzene	10.51	77	1028313	45.03	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	139367	40.35	ng	#	71
65) n-Nitrosodiphenylamine	10.46	169	694497	37.77	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	231392	38.16	ng	#	77
67) Hexachlorobenzene	10.90	284	255223	36.37	ng	#	80
68) Atrazine	11.00	200	251828	45.60	ng		95
69) Pentachlorophenol	11.09	266	264876	71.58	ng		97
70) Phenanthrene	11.31	178	1130573	36.61	ng		99
71) Anthracene	11.37	178	1294124	39.27	ng		100
72) Carbazole	11.52	167	1134235	38.83	ng		99
73) Di-n-butylphthalate	11.86	149	1332497	40.27	ng		99
74) Fluoranthene	12.50	202	1259263	40.40	ng		91
76) Benzidine	12.62	184	487933	34.26	ng		96
77) Pyrene	12.72	202	1197902	40.12	ng		100
79) Butylbenzylphthalate	13.35	149	505420	39.08	ng	#	76
80) Benzo(a)anthracene	13.91	228	908362	41.11	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	225108	15.24	ng		98
82) Chrysene	13.94	228	913749	38.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	551471	34.35	ng	#	96
84) Di-n-octyl phthalate	14.51	149	899298	35.77	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	825566	46.39	ng		97
87) Benzo(b)fluoranthene	14.92	252	861790m	44.52	ng		
88) Benzo(k)fluoranthene	14.95	252	703446m	34.84	ng		
89) Benzo(a)pyrene	15.25	252	737144	40.34	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	690972	46.20	ng		99
91) Benzo(g,h,i)perylene	17.05	276	699193	46.65	ng		95

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

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