Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086532.D
Acq On : 30 Apr 2016 19:14
Operator : UM/SJ
Sample : PB90035BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Manual Integrations APPROVED
sohil
5/2/2016 7:53:44 PM

Quant Time: May 01 04:31:13 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	130742	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	578981	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	275657	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	548091	20.00	ng		0.00
75) Chrysene-d12	13.92	240	406695	20.00	ng		0.00
86) Perylene-d12	15.31	264	319846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1015738	134.01	ng		0.01
7) Phenol-d6	6.41	99	1299340	122.82	ng		0.00
23) Nitrobenzene-d5	7.33	82	832859	77.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	366567	126.10	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1459848	95.00	ng		0.00
78) Terphenyl-d14	12.88	244	1417121	76.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	139232	34.97	ng	#	79
3) Pyridine	3.06	79	400338	42.48	ng	#	69
4) n-Nitrosodimethylamine	3.01	42	244914	45.60	ng	#	61
6) Aniline	6.43	93	350935	27.41	ng	#	87
8) 2-Chlorophenol	6.56	128	383824	40.66	ng		95
9) Benzaldehyde	6.30	77	66103	10.74	ng		96
10) Phenol	6.42	94	431434	36.55	ng	#	63
11) bis(2-Chloroethyl)ether	6.51	93	439459	43.07	ng		96
12) 1,3-Dichlorobenzene	6.70	146	391241m	38.53	ng		
13) 1,4-Dichlorobenzene	6.78	146	410894	39.22	ng		97
14) 1,2-Dichlorobenzene	6.93	146	375857	39.12	ng		95
15) Benzyl Alcohol	6.91	79	317841	47.49	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	788923	38.63	ng		90
17) 2-Methylphenol	7.04	107	339227	44.46	ng		94
18) Hexachloroethane	7.28	117	147933	37.78	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	281949	40.32	ng	#	70
20) 3+4-Methylphenols	7.18	107	383024	43.96	ng		99
22) Acetophenone	7.18	105	542061	42.70	ng	#	89
24) Nitrobenzene	7.36	77	455168	41.19	ng		92
25) Isophorone	7.60	82	814352	39.39	ng		98
26) 2-Nitrophenol	7.68	139	206757	40.64	ng		94
27) 2,4-Dimethylphenol	7.72	122	367858	41.21	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	509020	45.20	ng		99
29) 2,4-Dichlorophenol	7.92	162	341779	45.38	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	335344	38.38	ng		97
31) Naphthalene	8.08	128	1171841	39.78	ng		99
32) Benzoic acid	7.85	122	176669	35.49	ng		89
33) 4-Chloroaniline	8.13	127	193471	17.54	ng		99
34) Hexachlorobutadiene	8.20	225	177396	36.22	ng		98
35) Caprolactam	8.50	113	113186m	45.05	ng		
36) 4-Chloro-3-methylphenol	8.61	107	369331	42.83	ng		90
37) 2-Methylnaphthalene	8.76	142	733694	42.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	297566	37.71	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	297781	75.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	214607	43.03	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	231996	42.68	ng		94
45) 1,1'-Biphenyl	9.23	154	898179	38.98	ng		97
46) 2-Chloronaphthalene	9.25	162	665705	38.00	ng		93
47) 2-Nitroaniline	9.36	65	273990	48.77	ng		93
48) Acenaphthylene	9.66	152	1052931	38.45	ng		99
49) Dimethylphthalate	9.54	163	861732	41.52	ng		100
50) 2,6-Dinitrotoluene	9.60	165	181497	42.33	ng	#	89
51) Acenaphthene	9.84	154	745228	42.37	ng		99
52) 3-Nitroaniline	9.77	138	121051	24.83	ng		97
53) 2,4-Dinitrophenol	9.87	184	167873	72.43	ng	#	76
54) Dibenzofuran	10.01	168	949745	43.20	ng		94
55) 4-Nitrophenol	9.94	139	295467	92.55	ng		82
56) 2,4-Dinitrotoluene	10.00	165	231127	42.29	ng	#	84
57) Fluorene	10.35	166	683032	35.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	203125	47.79	ng		97
59) Diethylphthalate	10.24	149	803555	40.90	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	349315	40.31	ng	#	86
61) 4-Nitroaniline	10.38	138	208809	43.81	ng		90
62) Azobenzene	10.51	77	972311	45.19	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	130227	40.47	ng	#	77
65) n-Nitrosodiphenylamine	10.46	169	654862	38.23	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	215588	38.17	ng	#	77
67) Hexachlorobenzene	10.90	284	241498	36.94	ng	#	80
68) Atrazine	11.00	200	239693	46.60	ng		95
69) Pentachlorophenol	11.09	266	248289	72.04	ng		97
70) Phenanthrene	11.31	178	1103201	38.36	ng		100
71) Anthracene	11.37	178	1244189	40.53	ng		99
72) Carbazole	11.52	167	1080087	39.70	ng		99
73) Di-n-butylphthalate	11.86	149	1260836	40.91	ng		99
74) Fluoranthene	12.49	202	1194120	41.13	ng		98
76) Benzidine	12.63	184	355219	25.42	ng		95
77) Pyrene	12.72	202	1139116	38.87	ng		99
79) Butylbenzylphthalate	13.35	149	491703	38.74	ng	#	74
80) Benzo(a)anthracene	13.91	228	893057	41.19	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	180917	12.48	ng		98
82) Chrysene	13.94	228	884852	37.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	554997	35.23	ng	#	96
84) Di-n-octyl phthalate	14.51	149	901324	36.53	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	787907	45.12	ng		97
87) Benzo(b)fluoranthene	14.92	252	860600m	45.74	ng		
88) Benzo(k)fluoranthene	14.95	252	729634m	37.18	ng		
89) Benzo(a)pyrene	15.25	252	738255	41.56	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	655896	45.12	ng		98
91) Benzo(g,h,i)perylene	17.05	276	669214	45.93	ng		95

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

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