Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085622.D
Acq On : 21 Mar 2016 15:12
Operator : UM/SJ
Sample : PB89047BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:30 PM

Quant Time: Mar 22 01:28:32 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	6.85	152	124906	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	506001	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	231120	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	435375	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	331705	20.00	ng		-0.01
86) Perylene-d12	15.42	264	225340	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	833389	112.07	ng		0.00
7) Phenol-d6	6.48	99	1033309	108.34	ng		-0.01
23) Nitrobenzene-d5	7.41	82	641624	73.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	295855	130.68	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1155782	85.41	ng		-0.02
78) Terphenyl-d14	12.95	244	1106581	80.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	117881	32.61	ng		98
3) Pyridine	3.25	79	295088	33.24	ng		100
4) n-Nitrosodimethylamine	3.19	42	132294	35.70	ng		99
6) Aniline	6.50	93	202311	15.79	ng		99
8) 2-Chlorophenol	6.63	128	342599	39.82	ng		97
9) Benzaldehyde	6.39	77	40498	6.33	ng		90
10) Phenol	6.49	94	425606	39.18	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	324049	39.57	ng		96
12) 1,3-Dichlorobenzene	6.78	146	325095m	34.68	ng		
13) 1,4-Dichlorobenzene	6.86	146	339209	35.47	ng		98
14) 1,2-Dichlorobenzene	7.02	146	316049	37.23	ng		96
15) Benzyl Alcohol	6.98	79	244205	37.38	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	376228	34.93	ng		98
17) 2-Methylphenol	7.10	107	264519	37.09	ng		99
18) Hexachloroethane	7.35	117	125290	36.29	ng	#	82
19) n-Nitroso-di-n-propylamine	7.26	70	196735	34.53	ng		94
20) 3+4-Methylphenols	7.26	107	325672	39.43	ng		91
22) Acetophenone	7.26	105	415966	34.64	ng	#	96
24) Nitrobenzene	7.43	77	359594	37.69	ng		89
25) Isophorone	7.67	82	641563	36.76	ng		96
26) 2-Nitrophenol	7.75	139	179566	38.08	ng	#	89
27) 2,4-Dimethylphenol	7.78	122	304101	36.47	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	372316	37.50	ng		99
29) 2,4-Dichlorophenol	7.99	162	276213	40.11	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	274668	35.61	ng		97
31) Naphthalene	8.15	128	918267	35.95	ng		100
32) Benzoic acid	7.91	122	171278	24.56	ng		90
33) 4-Chloroaniline	8.20	127	75831	7.24	ng	#	94
34) Hexachlorobutadiene	8.26	225	140403	34.15	ng		98
35) Caprolactam	8.57	113	89840m	37.91	ng		
36) 4-Chloro-3-methylphenol	8.69	107	289164	35.95	ng		98
37) 2-Methylnaphthalene	8.85	142	643445	41.33	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	240445	34.30	ng		98
40) Hexachlorocyclopentadiene	9.00	237	247105	78.20	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	189293	39.44	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	191764	39.26	ng	#	94
45) 1,1'-Biphenyl	9.30	154	673474	33.78	ng		98
46) 2-Chloronaphthalene	9.33	162	527724	36.24	ng		92
47) 2-Nitroaniline	9.43	65	180743	41.02	ng	#	84
48) Acenaphthylene	9.75	152	914808	38.81	ng		99
49) Dimethylphthalate	9.61	163	700593	40.17	ng		98
50) 2,6-Dinitrotoluene	9.67	165	146798	39.87	ng		89
51) Acenaphthene	9.92	154	612472	41.41	ng		99
52) 3-Nitroaniline	9.83	138	56476	12.25	ng		89
53) 2,4-Dinitrophenol	9.94	184	129572	57.45	ng		98
54) Dibenzofuran	10.09	168	798833	44.35	ng		97
55) 4-Nitrophenol	10.00	139	216213	60.67	ng		89
56) 2,4-Dinitrotoluene	10.07	165	185440	38.47	ng	#	44
57) Fluorene	10.44	166	577732	38.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	147523	41.95	ng		98
59) Diethylphthalate	10.31	149	687365	39.64	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	289451	39.49	ng		91
61) 4-Nitroaniline	10.45	138	152951	33.65	ng		89
62) Azobenzene	10.58	77	715021	42.97	ng		95
64) 4,6-Dinitro-2-methylphenol	10.48	198	93813	33.67	ng		86
65) n-Nitrosodiphenylamine	10.54	169	523352	38.59	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	174975	40.23	ng	#	87
67) Hexachlorobenzene	10.98	284	180514	39.07	ng	#	86
68) Atrazine	11.08	200	179696	43.52	ng		94
69) Pentachlorophenol	11.18	266	185856	66.25	ng		99
70) Phenanthrene	11.40	178	930691	40.54	ng		99
71) Anthracene	11.44	178	889757	36.96	ng		99
72) Carbazole	11.60	167	835030	40.21	ng		98
73) Di-n-butylphthalate	11.93	149	1052211	40.46	ng		98
74) Fluoranthene	12.57	202	824813	34.31	ng		98
76) Benzidine	12.70	184	234723	21.04	ng		98
77) Pyrene	12.80	202	851987	35.77	ng		100
79) Butylbenzylphthalate	13.42	149	393701	34.68	ng	#	76
80) Benzo(a)anthracene	13.99	228	719515	37.36	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	86938	12.32	ng	#	96
82) Chrysene	14.03	228	571162	30.83	ng		100
83) Bis(2-ethylhexyl)phthalate	13.98	149	457954	32.47	ng		99
84) Di-n-octyl phthalate	14.60	149	761230	33.12	ng		98
85) Indeno(1,2,3-cd)pyrene	16.81	276	515463	33.30	ng		99
87) Benzo(b)fluoranthene	15.02	252	615908m	41.89	ng		
88) Benzo(k)fluoranthene	15.04	252	451739m	37.29	ng		
89) Benzo(a)pyrene	15.36	252	498896	40.02	ng		99
90) Dibenzo(a,h)anthracene	16.83	278	433210	41.67	ng		98
91) Benzo(g,h,i)perylene	17.24	276	435723	43.30	ng		95

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

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