Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
Data File : BF089316.D
Acq On : 26 Jul 2016 20:12
Operator : UM/SJ
Sample : PB92432BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92432BS

Manual Integrations APPROVED
sohil
7/27/2016 7:12:06 PM

Quant Time: Jul 27 03:41:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43401	20.00	ng		-0.02
21) Naphthalene-d8	7.83	136	187033	20.00	ng		-0.02
38) Acenaphthene-d10	9.58	164	91041	20.00	ng		-0.02
63) Phenanthrene-d10	11.05	188	173366	20.00	ng		-0.02
75) Chrysene-d12	13.67	240	129106	20.00	ng		-0.02
86) Perylene-d12	15.01	264	102878	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	356513	124.93	ng		-0.01
7) Phenol-d6	6.20	99	443952	120.64	ng		-0.02
23) Nitrobenzene-d5	7.12	82	294557	83.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	94622	115.44	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	567995	85.96	ng		-0.02
78) Terphenyl-d14	12.63	244	462144	77.64	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	42045	33.93	ng	#	88
3) Pyridine	2.65	79	101345	32.20	ng		98
4) n-Nitrosodimethylamine	2.62	42	40974	30.92	ng		100
6) Aniline	6.22	93	126783	25.50	ng	#	42
8) 2-Chlorophenol	6.33	128	136407	43.07	ng		92
9) Benzaldehyde	6.09	77	71650	36.11	ng		98
10) Phenol	6.22	94	164001	38.68	ng	#	68
11) bis(2-Chloroethyl)ether	6.30	93	134160	42.13	ng		100
12) 1,3-Dichlorobenzene	6.48	146	133838	38.28	ng		97
13) 1,4-Dichlorobenzene	6.56	146	142981	40.60	ng		97
14) 1,2-Dichlorobenzene	6.71	146	126434m	38.08	ng		
15) Benzyl Alcohol	6.71	79	108697	40.33	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	147409	40.63	ng	#	57
17) 2-Methylphenol	6.83	107	97812	39.21	ng		98
18) Hexachloroethane	7.05	117	54101	40.87	ng	#	91
19) n-Nitroso-di-n-propylamine	6.98	70	96514	40.10	ng		99
20) 3+4-Methylphenols	6.98	107	130043	38.40	ng	#	81
22) Acetophenone	6.97	105	169855	34.01	ng	#	98
24) Nitrobenzene	7.14	77	128251	34.55	ng		99
25) Isophorone	7.38	82	263149	40.56	ng		99
26) 2-Nitrophenol	7.45	139	65523	37.84	ng		97
27) 2,4-Dimethylphenol	7.51	122	109707	37.60	ng		100
28) bis(2-Chloroethoxy)methane	7.60	93	161921	39.90	ng		99
29) 2,4-Dichlorophenol	7.70	162	110194	41.91	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	110231	37.87	ng		99
31) Naphthalene	7.85	128	392159	38.85	ng		100
32) Benzoic acid	7.67	122	60936	27.16	ng		88
33) 4-Chloroaniline	7.92	127	65426	15.41	ng		95
34) Hexachlorobutadiene	7.98	225	62469	38.57	ng		98
35) Caprolactam	8.28	113	32001m	39.19	ng		
36) 4-Chloro-3-methylphenol	8.41	107	122528	38.68	ng		97
37) 2-Methylnaphthalene	8.55	142	241440	37.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	92917	27.46	ng		98
40) Hexachlorocyclopentadiene	8.70	237	79456	71.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	66967	35.36	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	78667	41.38	ng		97
45) 1,1'-Biphenyl	9.00	154	261016	31.84	ng		100
46) 2-Chloronaphthalene	9.03	162	238812	38.33	ng		99
47) 2-Nitroaniline	9.14	65	74684	34.94	ng	#	74
48) Acenaphthylene	9.44	152	386249	39.43	ng		99
49) Dimethylphthalate	9.32	163	294644	42.17	ng		100
50) 2,6-Dinitrotoluene	9.38	165	64438	40.85	ng	#	84
51) Acenaphthene	9.61	154	228629	39.46	ng		99
52) 3-Nitroaniline	9.55	138	35070	18.72	ng		92
53) 2,4-Dinitrophenol	9.67	184	45473	59.03	ng	#	88
54) Dibenzofuran	9.78	168	336956	43.04	ng		100
55) 4-Nitrophenol	9.74	139	65058	57.41	ng		87
56) 2,4-Dinitrotoluene	9.78	165	78404	38.59	ng	#	68
57) Fluorene	10.12	166	276121	41.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	62216	45.57	ng		96
59) Diethylphthalate	10.02	149	290015	41.87	ng		95
60) 4-Chlorophenyl-phenylether	10.12	204	117030	38.57	ng		95
61) 4-Nitroaniline	10.17	138	64524	35.40	ng		91
62) Azobenzene	10.27	77	316923	42.09	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	41855	41.47	ng	#	71
65) n-Nitrosodiphenylamine	10.24	169	226849	39.15	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	72816	42.44	ng		95
67) Hexachlorobenzene	10.66	284	65699	35.60	ng	#	53
68) Atrazine	10.78	200	71936	39.70	ng		99
69) Pentachlorophenol	10.87	266	67590	79.40	ng		99
70) Phenanthrene	11.07	178	401626	42.23	ng		100
71) Anthracene	11.13	178	403600	40.83	ng		99
72) Carbazole	11.29	167	363022	41.81	ng		99
73) Di-n-butylphthalate	11.62	149	440523	41.02	ng		99
74) Fluoranthene	12.25	202	418386	41.85	ng		96
76) Benzidine	12.39	184	177057	39.89	ng		99
77) Pyrene	12.48	202	401901	37.69	ng		99
79) Butylbenzylphthalate	13.11	149	188444	41.78	ng		95
80) Benzo(a)anthracene	13.66	228	306520	37.28	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	61454	22.53	ng		98
82) Chrysene	13.69	228	309853	39.45	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	270231	45.17	ng	#	93
84) Di-n-octyl phthalate	14.29	149	443420	44.92	ng		99
85) Indeno(1,2,3-cd)pyrene	16.21	276	227616	39.90	ng		98
87) Benzo(b)fluoranthene	14.65	252	246363m	33.06	ng		
88) Benzo(k)fluoranthene	14.67	252	277323m	52.05	ng		
89) Benzo(a)pyrene	14.96	252	254684	44.03	ng	#	93
90) Dibenzo(a,h)anthracene	16.22	278	191585	41.95	ng		97
91) Benzo(g,h,i)perylene	16.56	276	186262	40.45	ng		99

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

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