Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100881.D
Acq On : 27 Nov 2017 10:24
Operator : SJ/JU
Sample : PB104481BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104481BS

Manual Integrations APPROVED
Sohil
11/28/2017 2:44:41 PM

Quant Time: Nov 28 09:18:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	65642	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	266919	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	130538	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	260990	20.00	ng		0.00
75) Chrysene-d12	14.03	240	189099	20.00	ng		0.00
86) Perylene-d12	15.49	264	145021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	396443	96.81	ng		0.00
7) Phenol-d6	6.50	99	485889	96.22	ng		0.00
23) Nitrobenzene-d5	7.43	82	310256	76.85	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	154561	116.20	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	688683	80.33	ng		0.00
78) Terphenyl-d14	12.97	244	699574	85.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	48826	24.467	ng		94
3) Pyridine	3.50	79	16745	3.076	ng		99
4) n-Nitrosodimethylamine	3.38	42	77055	29.150	ng		93
6) Aniline	6.53	93	131784	18.473	ng		98
8) 2-Chlorophenol	6.65	128	167810	38.736	ng		98
9) Benzaldehyde	6.41	77	46584	12.918	ng		96
10) Phenol	6.51	94	200288	37.783	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	152086	34.156	ng		98
12) 1,3-Dichlorobenzene	6.80	146	185016	37.043	ng		97
13) 1,4-Dichlorobenzene	6.87	146	190121	37.610	ng		98
14) 1,2-Dichlorobenzene	7.03	146	179030	38.304	ng		97
15) Benzyl Alcohol	7.00	79	143827	36.495	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	259632	36.457	ng		98
17) 2-Methylphenol	7.12	107	139597	37.708	ng		98
18) Hexachloroethane	7.37	117	62904	37.741	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	115310	32.927	ng		95
20) 3+4-Methylphenols	7.27	107	178082	38.014	ng	#	66
22) Acetophenone	7.27	105	227572	34.964	ng	#	90
24) Nitrobenzene	7.45	77	171051	41.164	ng		96
25) Isophorone	7.68	82	315463	37.183	ng		99
26) 2-Nitrophenol	7.76	139	93827	48.141	ng		99
27) 2,4-Dimethylphenol	7.79	122	153166	40.273	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	195915	35.303	ng		99
29) 2,4-Dichlorophenol	8.00	162	153480	42.272	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	158506	40.359	ng		98
31) Naphthalene	8.16	128	492891	38.339	ng		99
32) Benzoic acid	7.92	122	70715	28.911	ng		97
33) 4-Chloroaniline	8.21	127	76567	14.308	ng		97
34) Hexachlorobutadiene	8.27	225	93315	39.962	ng		99
35) Caprolactam	8.60	113	44782m	35.941	ng		
36) 4-Chloro-3-methylphenol	8.70	107	156058	40.021	ng		95
37) 2-Methylnaphthalene	8.86	142	348796	40.865	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	166256	38.403	ng		97
40) Hexachlorocyclopentadiene	9.00	237	161716	79.367	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	116201	42.350	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	122836	43.209	ng	#	90
45) 1,1'-Biphenyl	9.32	154	425032	37.646	ng		97
46) 2-Chloronaphthalene	9.35	162	335328	40.941	ng		96
47) 2-Nitroaniline	9.45	65	98058	40.951	ng		98
48) Acenaphthylene	9.76	152	507555	37.392	ng		100
49) Dimethylphthalate	9.62	163	435055	43.651	ng		100
50) 2,6-Dinitrotoluene	9.69	165	87180	44.190	ng	#	84
51) Acenaphthene	9.93	154	298549	36.165	ng		99
52) 3-Nitroaniline	9.85	138	58131	24.953	ng		97
53) 2,4-Dinitrophenol	9.96	184	77981	86.640	ng	#	16
54) Dibenzofuran	10.10	168	456419	39.447	ng		99
55) 4-Nitrophenol	10.02	139	136248	72.026	ng		96
56) 2,4-Dinitrotoluene	10.09	165	116052	46.629	ng	#	86
57) Fluorene	10.45	166	364253	42.974	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	102888	44.160	ng	#	85
59) Diethylphthalate	10.32	149	384558	38.556	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	176794	42.519	ng		88
61) 4-Nitroaniline	10.47	138	78793	35.669	ng		93
62) Azobenzene	10.60	77	330762	35.210	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	53712	42.052	ng		84
65) n-Nitrosodiphenylamine	10.56	169	332399	36.628	ng		97
66) 4-Bromophenyl-phenylether	10.93	248	112520	40.218	ng	#	88
67) Hexachlorobenzene	11.00	284	116910	39.954	ng	#	83
68) Atrazine	11.09	200	107274	39.051	ng		97
69) Pentachlorophenol	11.19	266	124719	59.441	ng		100
70) Phenanthrene	11.41	178	540031	39.299	ng		98
71) Anthracene	11.46	178	552133	39.604	ng		99
72) Carbazole	11.62	167	470368	36.565	ng		99
73) Di-n-butylphthalate	11.94	149	647034	42.981	ng		100
74) Fluoranthene	12.60	202	552598	37.944	ng		97
77) Pyrene	12.83	202	566876	42.054	ng		98
79) Butylbenzylphthalate	13.44	149	244028	44.391	ng		94
80) Benzo(a)anthracene	14.02	228	463170	40.674	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	96505	23.653	ng		99
82) Chrysene	14.06	228	432023	39.178	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	334844	46.312	ng		100
84) Di-n-octyl phthalate	14.61	149	510779	41.123	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	337513	37.840	ng		94
87) Benzo(b)fluoranthene	15.07	252	354439m	41.254	ng		
88) Benzo(k)fluoranthene	15.10	252	327149	40.299	ng	#	96
89) Benzo(a)pyrene	15.43	252	320709	42.105	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	279486	44.867	ng	#	96
91) Benzo(g,h,i)perylene	17.43	276	291934	47.876	ng	#	92

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

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