Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100908.D
Acq On : 27 Nov 2017 23:20
Operator : SJ/JU
Sample : PB104511BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104511BSD

Manual Integrations APPROVED
Sohil
11/28/2017 2:46:38 PM

Quant Time: Nov 28 07:21:28 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	64100	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	257836	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	121646	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	227731	20.00	ng		0.00
75) Chrysene-d12	14.03	240	153825	20.00	ng		0.00
86) Perylene-d12	15.49	264	134137	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	344592	86.17	ng		0.01
7) Phenol-d6	6.49	99	425549	86.30	ng		0.00
23) Nitrobenzene-d5	7.43	82	389061	99.76	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	119311	96.25	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	823556	103.09	ng		0.00
78) Terphenyl-d14	12.97	244	662035	98.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	65651	33.689	ng		95
3) Pyridine	3.47	79	186194	35.021	ng		94
4) n-Nitrosodimethylamine	3.43	42	93581	36.253	ng	#	94
6) Aniline	6.52	93	134172	19.260	ng		99
8) 2-Chlorophenol	6.65	128	200892	47.489	ng		98
9) Benzaldehyde	6.41	77	56126	15.938	ng		91
10) Phenol	6.50	94	236451	45.677	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	173678	39.944	ng		99
12) 1,3-Dichlorobenzene	6.80	146	224168	45.962	ng		95
13) 1,4-Dichlorobenzene	6.87	146	226037	45.790	ng		98
14) 1,2-Dichlorobenzene	7.03	146	211351	46.307	ng		98
15) Benzyl Alcohol	7.00	79	166473	43.257	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	290015	41.703	ng		99
17) 2-Methylphenol	7.12	107	168001	46.472	ng		97
18) Hexachloroethane	7.37	117	66371	40.779	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	133669	39.088	ng		96
20) 3+4-Methylphenols	7.27	107	206019	45.035	ng	#	68
22) Acetophenone	7.27	105	258102	41.052	ng	#	87
24) Nitrobenzene	7.45	77	198393	49.425	ng		98
25) Isophorone	7.68	82	362658	44.252	ng		99
26) 2-Nitrophenol	7.76	139	105964	55.374	ng		94
27) 2,4-Dimethylphenol	7.79	122	187771	51.111	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	226227	42.201	ng		100
29) 2,4-Dichlorophenol	8.00	162	180774	51.544	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	182168	48.018	ng		96
31) Naphthalene	8.16	128	572927	46.134	ng		99
32) Benzoic acid	7.92	122	119714m	43.617	ng		
33) 4-Chloroaniline	8.21	127	68695	13.289	ng		96
34) Hexachlorobutadiene	8.27	225	106590	47.255	ng		98
35) Caprolactam	8.59	113	52680m	43.769	ng		
36) 4-Chloro-3-methylphenol	8.70	107	182379	48.418	ng		97
37) 2-Methylnaphthalene	8.86	142	396379	48.076	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	188453	46.712	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	84456	44.479	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	128742	50.350	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	138033	52.104	ng		93
45) 1,1'-Biphenyl	9.32	154	478369	45.467	ng		98
46) 2-Chloronaphthalene	9.35	162	374638	49.083	ng		97
47) 2-Nitroaniline	9.45	65	111265	49.257	ng		98
48) Acenaphthylene	9.76	152	579015	45.775	ng		99
49) Dimethylphthalate	9.62	163	448306	48.268	ng		99
50) 2,6-Dinitrotoluene	9.69	165	97366	52.960	ng		91
51) Acenaphthene	9.93	154	334953	43.540	ng		99
52) 3-Nitroaniline	9.85	138	59099	27.223	ng		94
53) 2,4-Dinitrophenol	9.96	184	49907m	67.397	ng		
54) Dibenzofuran	10.10	168	511726	47.460	ng		98
55) 4-Nitrophenol	10.02	139	137437	77.966	ng		90
56) 2,4-Dinitrotoluene	10.09	165	127294	54.885	ng	#	89
57) Fluorene	10.45	166	394216	49.909	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	111146	51.191	ng	#	85
59) Diethylphthalate	10.32	149	423412	45.555	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	193209	49.863	ng		89
61) 4-Nitroaniline	10.47	138	90167	43.801	ng		92
62) Azobenzene	10.60	77	370173	42.286	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	41367	38.123	ng		79
65) n-Nitrosodiphenylamine	10.56	169	370743	46.820	ng		95
66) 4-Bromophenyl-phenylether	10.93	248	122642	50.237	ng	#	87
67) Hexachlorobenzene	11.00	284	125262	49.060	ng	#	84
68) Atrazine	11.09	200	118111	49.276	ng		97
69) Pentachlorophenol	11.19	266	122844	67.098	ng		99
70) Phenanthrene	11.41	178	564259	47.059	ng		98
71) Anthracene	11.46	178	575967	47.347	ng		99
72) Carbazole	11.62	167	496093	44.197	ng		98
73) Di-n-butylphthalate	11.94	149	646027	49.182	ng		99
74) Fluoranthene	12.60	202	550803	43.345	ng		96
76) Benzidine	12.72	184	194462	31.567	ng		98
77) Pyrene	12.83	202	549483	50.111	ng		99
79) Butylbenzylphthalate	13.44	149	237330	53.073	ng		91
80) Benzo(a)anthracene	14.02	228	453761	48.985	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	128683	38.773	ng	#	97
82) Chrysene	14.05	228	422020	47.047	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	318667	54.181	ng		100
84) Di-n-octyl phthalate	14.60	149	487711	48.269	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	341298	47.039	ng	#	94
87) Benzo(b)fluoranthene	15.06	252	394447	49.635	ng		98
88) Benzo(k)fluoranthene	15.10	252	357052	47.552	ng	#	96
89) Benzo(a)pyrene	15.43	252	347985	49.393	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	284937	49.454	ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	280325	49.703	ng		94

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

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