Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100951.D
Acq On : 28 Nov 2017 23:55
Operator : SJ/JU
Sample : PB104562BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104562BSD

Manual Integrations APPROVED
Sohil
11/29/2017 4:29:14 PM

Quant Time: Nov 29 07:51:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	64660	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	244558	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	106851	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	178092	20.00	ng		0.00
75) Chrysene-d12	14.03	240	145174	20.00	ng		0.00
86) Perylene-d12	15.50	264	124302	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	344824	85.49	ng		0.01
7) Phenol-d6	6.49	99	407840	81.99	ng		0.00
23) Nitrobenzene-d5	7.43	82	375637	101.55	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	97332	89.39	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	773503	110.23	ng		0.00
78) Terphenyl-d14	12.97	244	545726	86.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	68224	34.706	ng		93
3) Pyridine	3.48	79	195745	36.499	ng		90
4) n-Nitrosodimethylamine	3.44	42	99425	38.184	ng	#	90
6) Aniline	6.53	93	166059	23.631	ng		98
8) 2-Chlorophenol	6.65	128	205410	48.136	ng		99
9) Benzaldehyde	6.41	77	100457	28.280	ng		96
10) Phenol	6.51	94	242790	46.496	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	183664	41.875	ng		99
12) 1,3-Dichlorobenzene	6.80	146	229745	46.698	ng		99
13) 1,4-Dichlorobenzene	6.87	146	235623	47.319	ng		99
14) 1,2-Dichlorobenzene	7.03	146	217171	47.170	ng		95
15) Benzyl Alcohol	7.00	79	169221	43.590	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	299525	42.698	ng		98
17) 2-Methylphenol	7.12	107	166522	45.664	ng		97
18) Hexachloroethane	7.37	117	70393	42.875	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	136689	39.625	ng		93
20) 3+4-Methylphenols	7.27	107	204018	44.211	ng	#	74
22) Acetophenone	7.27	105	265764	44.565	ng	#	87
24) Nitrobenzene	7.45	77	201907	53.032	ng		100
25) Isophorone	7.69	82	364223	46.856	ng		97
26) 2-Nitrophenol	7.76	139	102745	56.487	ng		99
27) 2,4-Dimethylphenol	7.80	122	185053	53.106	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	233047	45.834	ng		98
29) 2,4-Dichlorophenol	8.00	162	176131	52.947	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	186599	51.857	ng		95
31) Naphthalene	8.17	128	575549	48.861	ng		98
32) Benzoic acid	7.92	122	96327m	38.423	ng		
33) 4-Chloroaniline	8.21	127	68062	13.881	ng		98
34) Hexachlorobutadiene	8.27	225	110891	51.831	ng		98
35) Caprolactam	8.60	113	52002m	45.551	ng		
36) 4-Chloro-3-methylphenol	8.70	107	172686	48.334	ng		98
37) 2-Methylnaphthalene	8.86	142	387579	49.561	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	178508	50.373	ng	#	95
40) Hexachlorocyclopentadiene	9.00	237	50393	30.214	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	119974	53.418	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	124743	53.607	ng	#	90
45) 1,1'-Biphenyl	9.32	154	454978	49.232	ng		97
46) 2-Chloronaphthalene	9.35	162	361913	53.982	ng		98
47) 2-Nitroaniline	9.45	65	103077	51.798	ng		98
48) Acenaphthylene	9.76	152	530556	47.752	ng		99
49) Dimethylphthalate	9.62	163	435765	53.414	ng		99
50) 2,6-Dinitrotoluene	9.69	165	90270	55.899	ng		91
51) Acenaphthene	9.93	154	310886	46.007	ng		99
52) 3-Nitroaniline	9.85	138	58269	30.557	ng		98
53) 2,4-Dinitrophenol	9.96	184	23111	43.675	ng	#	17
54) Dibenzofuran	10.10	168	467179	49.328	ng		99
55) 4-Nitrophenol	10.02	139	116459	75.213	ng		95
56) 2,4-Dinitrotoluene	10.09	165	111252	54.610	ng	#	90
57) Fluorene	10.45	166	353199	50.908	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	94790	49.703	ng	#	84
59) Diethylphthalate	10.32	149	408062	49.983	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	182785	53.705	ng		90
61) 4-Nitroaniline	10.47	138	76688	42.412	ng		95
62) Azobenzene	10.60	77	333171	43.329	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	17966	24.982	ng		81
65) n-Nitrosodiphenylamine	10.56	169	338756	54.705	ng		95
66) 4-Bromophenyl-phenylether	10.93	248	111912	58.620	ng	#	86
67) Hexachlorobenzene	11.00	284	107274	53.725	ng	#	85
68) Atrazine	11.08	200	105079	56.058	ng		99
69) Pentachlorophenol	11.19	266	104091	72.702	ng		98
70) Phenanthrene	11.41	178	470076	50.132	ng		98
71) Anthracene	11.46	178	478381	50.286	ng		99
72) Carbazole	11.62	167	416307	47.427	ng		99
73) Di-n-butylphthalate	11.94	149	567755	55.271	ng		99
74) Fluoranthene	12.60	202	476501	47.949	ng		95
76) Benzidine	12.72	184	330779	56.895	ng		98
77) Pyrene	12.83	202	476464	46.042	ng		98
79) Butylbenzylphthalate	13.44	149	207733	49.222	ng		92
80) Benzo(a)anthracene	14.02	228	447509	51.189	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	153453	48.991	ng		96
82) Chrysene	14.06	228	418040	49.380	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	285761	51.482	ng		100
84) Di-n-octyl phthalate	14.60	149	490911	51.481	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	319105	46.602	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	381019	51.739	ng		97
88) Benzo(k)fluoranthene	15.10	252	381055	54.764	ng	#	96
89) Benzo(a)pyrene	15.44	252	345642	52.942	ng		97
90) Dibenzo(a,h)anthracene	16.99	278	270957	50.749	ng	#	95
91) Benzo(g,h,i)perylene	17.43	276	254422	48.679	ng	#	92

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

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