Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100136.D
Acq On : 3 Nov 2017 16:01
Operator : SJ/JU
Sample : PB103597BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103597BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:18:46 PM

Quant Time: Nov 03 17:57:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	83860	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	361494	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	172789	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	310848	20.00	ng		0.00
75) Chrysene-d12	13.95	240	204181	20.00	ng		0.00
86) Perylene-d12	15.41	264	148796	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	638567	119.55	ng		0.01
7) Phenol-d6	6.43	99	736193	116.24	ng		0.00
23) Nitrobenzene-d5	7.35	82	424953	75.68	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	175574	111.50	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	899667	80.33	ng		0.00
78) Terphenyl-d14	12.88	244	796351	85.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	79487	33.698	ng	#	89
3) Pyridine	3.33	79	209839m	36.993	ng		
4) n-Nitrosodimethylamine	3.29	42	69909	34.498	ng	#	66
6) Aniline	6.45	93	96652	11.769	ng	#	59
8) 2-Chlorophenol	6.56	128	227616	39.982	ng		91
9) Benzaldehyde	6.33	77	76261	20.150	ng		91
10) Phenol	6.43	94	261156	37.556	ng		96
11) bis(2-Chloroethyl)ether	6.51	93	200005	37.246	ng		93
12) 1,3-Dichlorobenzene	6.70	146	241434	37.771	ng		96
13) 1,4-Dichlorobenzene	6.79	146	245456	37.835	ng		96
14) 1,2-Dichlorobenzene	6.94	146	222691	37.664	ng		95
15) Benzyl Alcohol	6.93	79	154215	38.287	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	251707	42.196	ng	#	11
17) 2-Methylphenol	7.04	107	183367	38.507	ng	#	91
18) Hexachloroethane	7.27	117	80494	37.190	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	140187	37.770	ng	#	91
20) 3+4-Methylphenols	7.20	107	250842	45.239	ng		93
22) Acetophenone	7.19	105	300365	36.492	ng	#	91
24) Nitrobenzene	7.36	77	210182	37.150	ng	#	88
25) Isophorone	7.60	82	403426	39.595	ng		96
26) 2-Nitrophenol	7.68	139	129995	40.117	ng	#	79
27) 2,4-Dimethylphenol	7.72	122	206938	43.343	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	269449	37.761	ng		99
29) 2,4-Dichlorophenol	7.93	162	205995	41.533	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	198123	37.386	ng		99
31) Naphthalene	8.07	128	654074	37.484	ng		99
32) Benzoic acid	7.89	122	113746	27.066	ng		87
33) 4-Chloroaniline	8.15	127	41289	5.730	ng		94
34) Hexachlorobutadiene	8.18	225	97951	35.935	ng		99
35) Caprolactam	8.52	113	61861m	39.661	ng		
36) 4-Chloro-3-methylphenol	8.63	107	198310	39.174	ng		93
37) 2-Methylnaphthalene	8.76	142	463466	39.634	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	191513	34.317	ng		98
40) Hexachlorocyclopentadiene	8.90	237	41081	45.031	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	128552	38.082	ng		96
43) 2,4,5-Trichlorophenol	9.11	196	127436	35.575	ng	#	91
45) 1,1'-Biphenyl	9.23	154	550297	35.205	ng		97
46) 2-Chloronaphthalene	9.26	162	431097	37.975	ng		96
47) 2-Nitroaniline	9.37	65	108212	36.320	ng	#	81
48) Acenaphthylene	9.67	152	634739	36.303	ng		100
49) Dimethylphthalate	9.53	163	487794	35.648	ng		100
50) 2,6-Dinitrotoluene	9.61	165	110627	38.458	ng	#	85
51) Acenaphthene	9.84	154	386929	36.218	ng		99
52) 3-Nitroaniline	9.79	138	40556	11.965	ng		88
53) 2,4-Dinitrophenol	9.92	184	68025m	61.343	ng		
54) Dibenzofuran	10.02	168	573759	38.047	ng		98
55) 4-Nitrophenol	9.97	139	82881	46.799	ng	#	78
56) 2,4-Dinitrotoluene	10.03	165	145414	41.976	ng	#	77
57) Fluorene	10.36	166	467507	37.442	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	102420	40.779	ng	#	91
59) Diethylphthalate	10.23	149	481010	35.997	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	217929	37.086	ng		91
61) 4-Nitroaniline	10.41	138	105118	32.506	ng		83
62) Azobenzene	10.51	77	412543	36.829	ng		86
64) 4,6-Dinitro-2-methylphenol	10.45	198	51993	26.608	ng	#	70
65) n-Nitrosodiphenylamine	10.47	169	417118	36.351	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	126748	38.732	ng		91
67) Hexachlorobenzene	10.91	284	126342	37.737	ng		93
68) Atrazine	11.00	200	128500	37.280	ng		98
69) Pentachlorophenol	11.12	266	80776	56.464	ng		98
70) Phenanthrene	11.33	178	646650	36.862	ng		98
71) Anthracene	11.38	178	680496	38.216	ng		98
72) Carbazole	11.54	167	610020	36.430	ng		99
73) Di-n-butylphthalate	11.85	149	776783	36.369	ng	#	97
74) Fluoranthene	12.52	202	654567	35.904	ng		100
76) Benzidine	12.64	184	162427	18.180	ng		97
77) Pyrene	12.75	202	663927	42.763	ng		98
79) Butylbenzylphthalate	13.35	149	310334	40.591	ng		86
80) Benzo(a)anthracene	13.94	228	481681	37.214	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	62508	13.304	ng		99
82) Chrysene	13.98	228	453454	37.264	ng		97
83) Bis(2-ethylhexyl)phthalate	13.90	149	423469	39.442	ng	#	99
84) Di-n-octyl phthalate	14.51	149	655616	35.578	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.88	276	360193	32.243	ng		97
87) Benzo(b)fluoranthene	14.99	252	378940	40.331	ng		97
88) Benzo(k)fluoranthene	15.02	252	336061	37.931	ng		100
89) Benzo(a)pyrene	15.35	252	333978	39.571	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	299959	39.997	ng		98
91) Benzo(g,h,i)perylene	17.32	276	314335	42.841	ng		96

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

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