Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101057.D
Acq On : 1 Dec 2017 12:36
Operator : SJ/JU
Sample : PB104630BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104630BS

Manual Integrations APPROVED
Sohil
12/4/2017 11:56:24 AM

Quant Time: Dec 01 15:56:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52816	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	208286	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	98859	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	196302	20.00	ng		0.00
75) Chrysene-d12	14.02	240	152394	20.00	ng		0.00
86) Perylene-d12	15.49	264	113953	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	380091	118.92	ng		0.01
7) Phenol-d6	6.49	99	460966	118.79	ng		0.00
23) Nitrobenzene-d5	7.42	82	285028	81.63	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	133328	112.27	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	626140	86.66	ng		0.00
78) Terphenyl-d14	12.96	244	643347	92.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	46187	34.945	ng	#	95
3) Pyridine	3.49	79	34928	10.194	ng		95
4) n-Nitrosodimethylamine	3.39	42	68478	40.921	ng		90
6) Aniline	6.52	93	100430	19.902	ng		98
8) 2-Chlorophenol	6.63	128	142528	40.898	ng		98
9) Benzaldehyde	6.40	77	63562	26.762	ng		96
10) Phenol	6.50	94	166017	38.475	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	124852	38.576	ng		98
12) 1,3-Dichlorobenzene	6.79	146	159931	39.412	ng		98
13) 1,4-Dichlorobenzene	6.86	146	163405	38.894	ng		97
14) 1,2-Dichlorobenzene	7.02	146	152562	38.931	ng		98
15) Benzyl Alcohol	6.99	79	122348	40.821	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	202502	46.030	ng		98
17) 2-Methylphenol	7.10	107	116749	41.488	ng		96
18) Hexachloroethane	7.36	117	54051	40.044	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	96068	36.760	ng		98
20) 3+4-Methylphenols	7.26	107	147091	40.080	ng	#	71
22) Acetophenone	7.26	105	189020	37.563	ng	#	87
24) Nitrobenzene	7.43	77	138643	40.515	ng		98
25) Isophorone	7.67	82	256093	42.939	ng		99
26) 2-Nitrophenol	7.75	139	79993	42.583	ng		89
27) 2,4-Dimethylphenol	7.79	122	126858	46.682	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	160508	40.042	ng		99
29) 2,4-Dichlorophenol	7.99	162	128063	43.294	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	132558	40.755	ng		98
31) Naphthalene	8.15	128	407387	39.685	ng		99
33) 4-Chloroaniline	8.20	127	69706	16.900	ng		100
34) Hexachlorobutadiene	8.26	225	76617	38.406	ng		98
35) Caprolactam	8.59	113	32531m	35.289	ng		
36) 4-Chloro-3-methylphenol	8.69	107	127324	41.554	ng		98
37) 2-Methylnaphthalene	8.85	142	284169	40.740	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	131200	36.532	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	117388	88.689	ng		99
42) 2,4,6-Trichlorophenol	9.12	196	91334	43.383	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	97930	43.511	ng	#	89
45) 1,1'-Biphenyl	9.31	154	340418	37.584	ng		97
46) 2-Chloronaphthalene	9.33	162	271103	42.146	ng		96
47) 2-Nitroaniline	9.43	65	77356	40.647	ng		98
48) Acenaphthylene	9.75	152	417204	39.467	ng		99
49) Dimethylphthalate	9.61	163	339415	42.572	ng		99
50) 2,6-Dinitrotoluene	9.67	165	69341	41.293	ng		93
51) Acenaphthene	9.92	154	246874	39.002	ng		99
52) 3-Nitroaniline	9.85	138	53497	28.329	ng		94
53) 2,4-Dinitrophenol	9.96	184	6071	11.434	ng	#	15
54) Dibenzofuran	10.09	168	367539	40.292	ng		99
55) 4-Nitrophenol	10.02	139	100288	78.747	ng		95
56) 2,4-Dinitrotoluene	10.08	165	93319	41.466	ng	#	95
57) Fluorene	10.44	166	293079	39.524	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	66345	36.815	ng	#	87
59) Diethylphthalate	10.31	149	306481	38.974	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	143745	39.261	ng		91
61) 4-Nitroaniline	10.46	138	74300	37.903	ng		95
62) Azobenzene	10.59	77	266961	40.002	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	12346	9.377	ng		77
65) n-Nitrosodiphenylamine	10.55	169	269115	38.860	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	90269	41.082	ng	#	88
67) Hexachlorobenzene	10.99	284	96159	40.833	ng	#	86
68) Atrazine	11.07	200	86525	40.731	ng		97
69) Pentachlorophenol	11.18	266	54089	41.773	ng		99
70) Phenanthrene	11.40	178	428653	39.652	ng		98
71) Anthracene	11.46	178	448678	41.009	ng		98
72) Carbazole	11.61	167	393517	39.366	ng		99
73) Di-n-butylphthalate	11.93	149	484202	38.645	ng		98
74) Fluoranthene	12.59	202	462378	38.586	ng		94
76) Benzidine	12.71	184	61485	12.407	ng		99
77) Pyrene	12.82	202	471282	44.817	ng		98
79) Butylbenzylphthalate	13.43	149	203139	43.815	ng		95
80) Benzo(a)anthracene	14.01	228	395003	41.052	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	73041	21.919	ng	#	98
82) Chrysene	14.04	228	366500	41.014	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	279218	42.238	ng		98
84) Di-n-octyl phthalate	14.60	149	413580	37.576	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	303845	38.246	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	298693	43.761	ng		96
88) Benzo(k)fluoranthene	15.09	252	265178	39.434	ng	#	97
89) Benzo(a)pyrene	15.43	252	264585	42.639	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	250474	45.786	ng	#	92
91) Benzo(g,h,i)perylene	17.42	276	265330	51.466	ng	#	90

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

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