Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097203.D
Acq On : 31 Jul 2017 13:06
Operator : SJ/JU
Sample : PB101036BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101036BSD

Manual Integrations APPROVED
Sohil
8/1/2017 5:44:24 PM

Quant Time: Jul 31 15:24:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 15:18:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	97428	20.00	ng		0.00
21) Naphthalene-d8	7.76	136	430176	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	220573	20.00	ng		0.00
63) Phenanthrene-d10	10.99	188	320763	20.00	ng		0.00
75) Chrysene-d12	13.61	240	191758	20.00	ng		0.00
86) Perylene-d12	14.96	264	182843	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	537887	83.23	ng		0.01
7) Phenol-d6	6.15	99	549995	74.54	ng		0.00
23) Nitrobenzene-d5	7.05	82	534318	72.87	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	115594	66.33	ng		0.00
44) 2-Fluorobiphenyl	8.85	172	899742	69.23	ng		0.00
78) Terphenyl-d14	12.57	244	645966	68.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	95056	35.245	ng	#	68
3) Pyridine	2.68	79	287828	34.852	ng	#	63
4) n-Nitrosodimethylamine	2.63	42	169536	37.055	ng		81
6) Aniline	6.14	93	292061	31.456	ng	#	89
8) 2-Chlorophenol	6.27	128	275898	39.923	ng		95
9) Benzaldehyde	6.02	77	181073	41.462	ng		98
10) Phenol	6.16	94	334215	38.189	ng		97
11) bis(2-Chloroethyl)ether	6.22	93	274730	39.691	ng		90
12) 1,3-Dichlorobenzene	6.42	146	278008	37.329	ng		98
13) 1,4-Dichlorobenzene	6.49	146	278332	37.712	ng		95
14) 1,2-Dichlorobenzene	6.65	146	239684	37.193	ng		96
15) Benzyl Alcohol	6.64	79	191322	40.957	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.77	45	482750	34.772	ng		69
17) 2-Methylphenol	6.76	107	192576	36.106	ng	#	91
18) Hexachloroethane	6.99	117	107007	39.630	ng	#	81
19) n-Nitroso-di-n-propylamine	6.91	70	171413	35.295	ng	#	85
20) 3+4-Methylphenols	6.92	107	273327	39.237	ng	#	63
22) Acetophenone	6.90	105	338277	32.745	ng		96
24) Nitrobenzene	7.07	77	266599	34.909	ng		91
25) Isophorone	7.31	82	459386	31.989	ng		97
26) 2-Nitrophenol	7.39	139	162916	39.430	ng	#	86
27) 2,4-Dimethylphenol	7.45	122	236382	34.682	ng		96
28) bis(2-Chloroethoxy)methane	7.53	93	344518	36.763	ng		98
29) 2,4-Dichlorophenol	7.64	162	216331	36.844	ng		98
30) 1,2,4-Trichlorobenzene	7.71	180	211219	37.740	ng		97
31) Naphthalene	7.79	128	744701	36.725	ng		99
32) Benzoic acid	7.59	122	127843	25.119	ng		97
33) 4-Chloroaniline	7.85	127	272856	33.069	ng		96
34) Hexachlorobutadiene	7.91	225	107053	36.081	ng		95
35) Caprolactam	8.22	113	81658m	43.371	ng		
36) 4-Chloro-3-methylphenol	8.35	107	258245	40.314	ng		87
37) 2-Methylnaphthalene	8.47	142	560250	43.636	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	180496	30.668	ng		99
40) Hexachlorocyclopentadiene	8.63	237	33532	21.542	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	130483	30.594	ng		97
43) 2,4,5-Trichlorophenol	8.81	196	133749	31.331	ng		98
45) 1,1'-Biphenyl	8.94	154	569632	30.235	ng		98
46) 2-Chloronaphthalene	8.96	162	435969	31.446	ng		93
47) 2-Nitroaniline	9.07	65	155709	30.947	ng		90
48) Acenaphthylene	9.37	152	738560	34.706	ng		99
49) Dimethylphthalate	9.25	163	545137	32.546	ng		99
50) 2,6-Dinitrotoluene	9.31	165	122986	34.619	ng	#	70
51) Acenaphthene	9.55	154	434718	34.681	ng		99
52) 3-Nitroaniline	9.48	138	131804	29.890	ng		89
53) 2,4-Dinitrophenol	9.60	184	73973	45.796	ng	#	75
54) Dibenzofuran	9.72	168	565117	33.847	ng		97
55) 4-Nitrophenol	9.67	139	129640	49.437	ng	#	60
56) 2,4-Dinitrotoluene	9.72	165	133757	32.752	ng	#	75
57) Fluorene	10.06	166	435516	34.706	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	96926	32.884	ng	#	99
59) Diethylphthalate	9.95	149	492127	32.025	ng		98
60) 4-Chlorophenyl-phenylether	10.05	204	181756	35.075	ng		97
61) 4-Nitroaniline	10.09	138	125916	30.052	ng		92
62) Azobenzene	10.21	77	503628	35.328	ng		93
64) 4,6-Dinitro-2-methylphenol	10.13	198	63557	31.887	ng	#	78
65) n-Nitrosodiphenylamine	10.17	169	410883	36.815	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	119161	37.225	ng		98
67) Hexachlorobenzene	10.61	284	121966	33.977	ng		95
68) Atrazine	10.71	200	118520	37.034	ng		95
69) Pentachlorophenol	10.81	266	79736	53.685	ng		98
70) Phenanthrene	11.01	178	621951	36.188	ng		100
71) Anthracene	11.06	178	644273	36.601	ng		99
72) Carbazole	11.22	167	604151	34.898	ng		99
73) Di-n-butylphthalate	11.56	149	748968	34.999	ng		98
74) Fluoranthene	12.19	202	589391	35.006	ng		98
76) Benzidine	12.32	184	362522	50.951	ng	#	92
77) Pyrene	12.42	202	595680	37.945	ng		99
79) Butylbenzylphthalate	13.05	149	266403	33.361	ng	#	83
80) Benzo(a)anthracene	13.60	228	436860	35.209	ng		98
81) 3,3'-Dichlorobenzidine	13.57	252	144578	30.900	ng		95
82) Chrysene	13.64	228	422514	34.874	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	342402	32.840	ng		98
84) Di-n-octyl phthalate	14.22	149	580126	30.320	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.19	276	427156	41.117	ng		98
87) Benzo(b)fluoranthene	14.60	252	409002	37.212	ng		98
88) Benzo(k)fluoranthene	14.63	252	357379	34.122	ng		96
89) Benzo(a)pyrene	14.91	252	364126	36.198	ng		99
90) Dibenzo(a,h)anthracene	16.20	278	358052	43.405	ng		98
91) Benzo(g,h,i)perylene	16.55	276	378304	43.731	ng		100

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

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