Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099608.D
Acq On : 18 Oct 2017 10:54
Operator : SJ/JU
Sample : PB103194BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Manual Integrations APPROVED
Sohil
10/19/2017 5:14:27 PM

Quant Time: Oct 18 15:27:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	98685	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	414857	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	192371	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	352780	20.00	ng		0.00
75) Chrysene-d12	14.00	240	262292	20.00	ng		0.00
86) Perylene-d12	15.46	264	190288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	774464	124.93	ng		0.02
7) Phenol-d6	6.48	99	929522	121.55	ng		0.00
23) Nitrobenzene-d5	7.40	82	556573	86.04	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	208139	132.23	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1083817	94.05	ng		0.00
78) Terphenyl-d14	12.93	244	977642	84.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	94461	31.899	ng	#	92
3) Pyridine	3.45	79	249685	31.168	ng	#	90
4) n-Nitrosodimethylamine	3.40	42	105075	30.932	ng	#	74
6) Aniline	6.50	93	230756	22.357	ng	#	74
8) 2-Chlorophenol	6.62	128	277089	39.470	ng		92
9) Benzaldehyde	6.38	77	77640	17.502	ng		92
10) Phenol	6.49	94	318582	37.249	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	256106	38.518	ng		95
12) 1,3-Dichlorobenzene	6.77	146	293334	39.897	ng		97
13) 1,4-Dichlorobenzene	6.85	146	296241	39.602	ng		98
14) 1,2-Dichlorobenzene	7.00	146	273252	39.533	ng		97
15) Benzyl Alcohol	6.97	79	196313	34.992	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	327349	31.600	ng		49
17) 2-Methylphenol	7.09	107	222211	38.684	ng	#	94
18) Hexachloroethane	7.33	117	101118	37.608	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	168528	34.516	ng		93
20) 3+4-Methylphenols	7.25	107	282548	38.882	ng	#	84
22) Acetophenone	7.24	105	359610	35.778	ng	#	98
24) Nitrobenzene	7.42	77	262769	35.808	ng		90
25) Isophorone	7.65	82	490928	36.706	ng		98
26) 2-Nitrophenol	7.73	139	156701	44.406	ng		90
27) 2,4-Dimethylphenol	7.77	122	245666	36.864	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	320156	38.412	ng		99
29) 2,4-Dichlorophenol	7.97	162	236338	41.306	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	234886	41.045	ng		99
31) Naphthalene	8.13	128	777487	39.903	ng		100
32) Benzoic acid	7.91	122	122343	22.349	ng		89
33) 4-Chloroaniline	8.19	127	163984	20.154	ng	#	95
34) Hexachlorobutadiene	8.24	225	116260	39.443	ng		97
35) Caprolactam	8.57	113	78306m	42.665	ng		
36) 4-Chloro-3-methylphenol	8.67	107	245403	38.159	ng		97
37) 2-Methylnaphthalene	8.82	142	544221	42.966	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	219329	38.230	ng		99
40) Hexachlorocyclopentadiene	8.97	237	136454	52.046	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	155553	38.273	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	160705	39.610	ng		97
45) 1,1'-Biphenyl	9.29	154	642734	38.876	ng		96
46) 2-Chloronaphthalene	9.31	162	499060	40.203	ng		98
47) 2-Nitroaniline	9.42	65	140549	36.977	ng		90
48) Acenaphthylene	9.73	152	751549	39.549	ng		100
49) Dimethylphthalate	9.59	163	583434	40.184	ng		99
50) 2,6-Dinitrotoluene	9.66	165	132590	41.947	ng	#	85
51) Acenaphthene	9.90	154	447279	37.157	ng		99
52) 3-Nitroaniline	9.83	138	104405	28.328	ng		96
53) 2,4-Dinitrophenol	9.95	184	89415	56.203	ng	#	84
54) Dibenzofuran	10.07	168	657630	41.032	ng		99
55) 4-Nitrophenol	10.01	139	184489	59.198	ng		86
56) 2,4-Dinitrotoluene	10.06	165	164130	40.009	ng	#	97
57) Fluorene	10.42	166	532861	41.365	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	118863	42.411	ng		95
59) Diethylphthalate	10.29	149	550743	38.820	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	238245	41.172	ng		91
61) 4-Nitroaniline	10.45	138	151874	42.712	ng		86
62) Azobenzene	10.56	77	509706	39.074	ng		93
64) 4,6-Dinitro-2-methylphenol	10.48	198	73750	34.360	ng	#	73
65) n-Nitrosodiphenylamine	10.53	169	482548	39.484	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	140752	40.761	ng		92
67) Hexachlorobenzene	10.96	284	142206	38.558	ng		93
68) Atrazine	11.05	200	147031	39.986	ng		97
69) Pentachlorophenol	11.16	266	125781	54.799	ng		99
70) Phenanthrene	11.38	178	770314	40.793	ng		99
71) Anthracene	11.43	178	798218	41.313	ng		99
72) Carbazole	11.59	167	750445	39.663	ng		99
73) Di-n-butylphthalate	11.90	149	885577	38.885	ng		99
74) Fluoranthene	12.57	202	808996	42.308	ng		98
76) Benzidine	12.69	184	266895	27.511	ng		99
77) Pyrene	12.80	202	837202	41.859	ng		99
79) Butylbenzylphthalate	13.40	149	382927	40.737	ng		90
80) Benzo(a)anthracene	13.99	228	656940	41.363	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	156657	26.906	ng		99
82) Chrysene	14.02	228	622614	41.176	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	490921	37.929	ng	#	99
84) Di-n-octyl phthalate	14.56	149	729488	35.002	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.93	276	444523	36.750	ng		96
87) Benzo(b)fluoranthene	15.03	252	507791	43.402	ng		98
88) Benzo(k)fluoranthene	15.06	252	479946	41.533	ng		98
89) Benzo(a)pyrene	15.40	252	455596	42.423	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	371127	43.181	ng		97
91) Benzo(g,h,i)perylene	17.37	276	392835	46.239	ng		97

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

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