Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099537.D
Acq On : 16 Oct 2017 11:54
Operator : SJ/JU
Sample : PB103261BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 23:43:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB103261BS

Manual Integrations APPROVED
Sohil
10/17/2017 5:01:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97422	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	407688	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	185030	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	332678	20.00	ng		0.00
75) Chrysene-d12	14.02	240	231657	20.00	ng		0.00
86) Perylene-d12	15.49	264	167336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	784019	128.11	ng		0.01
7) Phenol-d6	6.49	99	940568	124.59	ng		0.00
23) Nitrobenzene-d5	7.42	82	564664	88.82	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	200944	132.72	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1085818	97.97	ng		0.00
78) Terphenyl-d14	12.96	244	928978	91.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	104650	35.798	ng	#	92
3) Pyridine	3.47	79	284435	35.967	ng		93
4) n-Nitrosodimethylamine	3.42	42	110888	33.066	ng	#	78
6) Aniline	6.51	93	231794	22.749	ng		97
8) 2-Chlorophenol	6.63	128	282136	40.709	ng		94
9) Benzaldehyde	6.40	77	95951	21.910	ng		96
10) Phenol	6.50	94	336712	39.880	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	259426	39.523	ng		98
12) 1,3-Dichlorobenzene	6.79	146	302071	41.618	ng		96
13) 1,4-Dichlorobenzene	6.86	146	302566	40.972	ng		97
14) 1,2-Dichlorobenzene	7.02	146	281331	41.230	ng		98
15) Benzyl Alcohol	6.99	79	207311	37.432	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	355203	34.733	ng		89
17) 2-Methylphenol	7.10	107	232482	40.997	ng		97
18) Hexachloroethane	7.35	117	106347	40.065	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	171187	35.516	ng		94
20) 3+4-Methylphenols	7.26	107	275495	38.403	ng	#	71
22) Acetophenone	7.26	105	364911	36.943	ng	#	96
24) Nitrobenzene	7.43	77	272165	37.741	ng		90
25) Isophorone	7.67	82	506945	38.570	ng		96
26) 2-Nitrophenol	7.75	139	158185	45.615	ng		88
27) 2,4-Dimethylphenol	7.78	122	248980	38.018	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	329694	40.251	ng		99
29) 2,4-Dichlorophenol	7.99	162	236584	42.076	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	237003	42.144	ng		99
31) Naphthalene	8.15	128	793938	41.464	ng		100
32) Benzoic acid	7.92	122	120645	22.427	ng		94
33) 4-Chloroaniline	8.20	127	114596	14.332	ng		96
34) Hexachlorobutadiene	8.26	225	117382	40.524	ng		98
35) Caprolactam	8.57	113	78021m	43.257	ng		
36) 4-Chloro-3-methylphenol	8.69	107	243220	38.484	ng		92
37) 2-Methylnaphthalene	8.84	142	552437	44.381	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	219001	39.688	ng		99
40) Hexachlorocyclopentadiene	8.99	237	133513	52.944	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	151328	38.711	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	158321	40.570	ng		93
45) 1,1'-Biphenyl	9.30	154	636314	40.014	ng		99
46) 2-Chloronaphthalene	9.33	162	499328	41.821	ng		97
47) 2-Nitroaniline	9.43	65	141014	38.571	ng		90
48) Acenaphthylene	9.75	152	753634	41.232	ng		100
49) Dimethylphthalate	9.60	163	580969	41.602	ng		100
50) 2,6-Dinitrotoluene	9.67	165	131223	43.161	ng	#	85
51) Acenaphthene	9.92	154	446740	38.585	ng		99
52) 3-Nitroaniline	9.85	138	78204	22.061	ng		92
53) 2,4-Dinitrophenol	9.96	184	97932	63.191	ng	#	86
54) Dibenzofuran	10.09	168	663535	43.043	ng		99
55) 4-Nitrophenol	10.02	139	168152	56.097	ng		91
56) 2,4-Dinitrotoluene	10.08	165	165153	41.856	ng	#	97
57) Fluorene	10.43	166	533300	43.041	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	118003	43.774	ng		94
59) Diethylphthalate	10.30	149	551852	40.441	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	237958	42.753	ng		96
61) 4-Nitroaniline	10.47	138	150454	43.992	ng		84
62) Azobenzene	10.58	77	511823	40.792	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	75565	37.333	ng		89
65) n-Nitrosodiphenylamine	10.55	169	472186	40.971	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	139269	42.768	ng		96
67) Hexachlorobenzene	10.98	284	141313	40.631	ng		100
68) Atrazine	11.07	200	150860	43.507	ng		99
69) Pentachlorophenol	11.18	266	115543	53.380	ng		96
70) Phenanthrene	11.40	178	768879	43.178	ng		99
71) Anthracene	11.45	178	787837	43.240	ng		99
72) Carbazole	11.61	167	736889	41.299	ng		99
73) Di-n-butylphthalate	11.92	149	880990	41.021	ng		99
74) Fluoranthene	12.59	202	789641	43.791	ng		99
76) Benzidine	12.71	184	236795	27.637	ng		97
77) Pyrene	12.82	202	803863	45.507	ng		99
79) Butylbenzylphthalate	13.42	149	354997	42.760	ng		97
80) Benzo(a)anthracene	14.01	228	609507	43.451	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	105127	20.444	ng		96
82) Chrysene	14.04	228	570655	42.731	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	446554	39.064	ng	#	99
84) Di-n-octyl phthalate	14.59	149	631234	34.293	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.98	276	434351	40.658	ng		96
87) Benzo(b)fluoranthene	15.06	252	441733	42.935	ng		98
88) Benzo(k)fluoranthene	15.09	252	458933	45.162	ng		99
89) Benzo(a)pyrene	15.43	252	415398	43.985	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	359985	47.629	ng		96
91) Benzo(g,h,i)perylene	17.43	276	384187	51.424	ng		97

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

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