Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
Data File : BF099713.D
Acq On : 20 Oct 2017 20:57
Operator : SJ/JU
Sample : I5950-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

Manual Integrations APPROVED

Sohil

10/23/2017 3:26:56 PM

Quant Time: Oct 23 11:18:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	94576	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	374137	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	149522	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	211825	20.00	ng		0.00
75) Chrysene-d12	13.98	240	166246	20.00	ng		0.00
86) Perylene-d12	15.44	264	169298	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	670517	112.86	ng		0.00
7) Phenol-d6	6.46	99	792488	108.13	ng		0.00
23) Nitrobenzene-d5	7.39	82	452465	77.56	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	130858	106.95	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	783058	87.43	ng		0.00
78) Terphenyl-d14	12.92	244	460720	63.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	74047	26.091	ng		93
3) Pyridine	3.38	79	215369	28.053	ng		90
4) n-Nitrosodimethylamine	3.33	42	81003	24.881	ng	#	73
6) Aniline	6.49	93	191401	19.350	ng	#	86
8) 2-Chlorophenol	6.60	128	232595	34.571	ng		94
9) Benzaldehyde	6.37	77	58189	13.687	ng		89
10) Phenol	6.47	94	301873	36.829	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	222503	34.918	ng		96
12) 1,3-Dichlorobenzene	6.75	146	241861	34.325	ng		96
13) 1,4-Dichlorobenzene	6.83	146	245929	34.305	ng		97
14) 1,2-Dichlorobenzene	6.99	146	229075	34.582	ng		96
15) Benzyl Alcohol	6.96	79	162528	30.229	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	269805	27.177	ng		61
17) 2-Methylphenol	7.08	107	185856	33.761	ng	#	94
18) Hexachloroethane	7.32	117	75372	29.250	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	141269	30.191	ng		93
20) 3+4-Methylphenols	7.23	107	234266	33.638	ng	#	76
22) Acetophenone	7.23	105	299184	33.005	ng	#	98
24) Nitrobenzene	7.40	77	218819	33.064	ng		93
25) Isophorone	7.64	82	400808	33.229	ng		96
26) 2-Nitrophenol	7.72	139	124574	39.144	ng		88
27) 2,4-Dimethylphenol	7.76	122	201024	33.448	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	263842	35.100	ng		100
29) 2,4-Dichlorophenol	7.96	162	193359	37.472	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	189027	36.627	ng		99
31) Naphthalene	8.12	128	625808	35.614	ng		99
33) 4-Chloroaniline	8.17	127	126137	17.190	ng		95
34) Hexachlorobutadiene	8.23	225	92447	34.778	ng		100
35) Caprolactam	8.54	113	57763	34.898	ng	#	79
36) 4-Chloro-3-methylphenol	8.66	107	186163	32.098	ng		92
37) 2-Methylnaphthalene	8.81	142	412362	36.099	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	167018	37.455	ng		98
40) Hexachlorocyclopentadiene	8.95	237	8759	4.298	ng		96
42) 2,4,6-Trichlorophenol	9.09	196	116065	36.741	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	122015	38.692	ng		95
45) 1,1'-Biphenyl	9.27	154	469397	36.527	ng		100
46) 2-Chloronaphthalene	9.30	162	365981	37.932	ng		96
47) 2-Nitroaniline	9.40	65	101384	34.317	ng		87
48) Acenaphthylene	9.72	152	523147	35.419	ng		99
49) Dimethylphthalate	9.57	163	483723	42.864	ng		99
50) 2,6-Dinitrotoluene	9.65	165	90338	36.770	ng	#	77
51) Acenaphthene	9.89	154	304103	32.503	ng		99
52) 3-Nitroaniline	9.82	138	76597	26.738	ng		86
53) 2,4-Dinitrophenol	9.94	184	7428	11.212	ng		90
54) Dibenzofuran	10.06	168	445345	35.750	ng		97
55) 4-Nitrophenol	9.99	139	116446	48.073	ng		87
56) 2,4-Dinitrotoluene	10.05	165	106969	33.548	ng	#	96
57) Fluorene	10.40	166	343263	34.283	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	77852	35.738	ng		95
59) Diethylphthalate	10.27	149	384168	34.838	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	162827	36.202	ng		94
61) 4-Nitroaniline	10.43	138	80835	29.248	ng		82
62) Azobenzene	10.55	77	423150	41.734	ng		93
64) 4,6-Dinitro-2-methylphenol	10.46	198	19858	15.408	ng		86
65) n-Nitrosodiphenylamine	10.51	169	304865	41.545	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	84666	40.834	ng		96
67) Hexachlorobenzene	10.95	284	80139	36.188	ng		99
68) Atrazine	11.03	200	74891	33.920	ng		99
69) Pentachlorophenol	11.15	266	66395	48.175	ng		97
70) Phenanthrene	11.36	178	416896	36.768	ng		99
71) Anthracene	11.42	178	430164	37.079	ng		99
72) Carbazole	11.57	167	391110	34.426	ng		99
73) Di-n-butylphthalate	11.89	149	489017	35.761	ng	#	98
74) Fluoranthene	12.55	202	397322	34.606	ng		99
76) Benzidine	12.67	184	202493	32.932	ng		97
77) Pyrene	12.78	202	404373	31.898	ng		99
79) Butylbenzylphthalate	13.39	149	179953	30.204	ng		93
80) Benzo(a)anthracene	13.97	228	356703	35.434	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	118859	32.209	ng		100
82) Chrysene	14.01	228	343245	35.815	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	263353	32.102	ng		98
84) Di-n-octyl phthalate	14.55	149	463983	35.125	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.92	276	327114	42.668	ng		97
87) Benzo(b)fluoranthene	15.02	252	354912m	34.096	ng		
88) Benzo(k)fluoranthene	15.04	252	361539	35.165	ng		99
89) Benzo(a)pyrene	15.38	252	343416	35.942	ng	#	97
90) Dibenzo(a,h)anthracene	16.92	278	279630	36.569	ng		97
91) Benzo(g,h,i)perylene	17.35	276	265173	35.082	ng		96

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

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