Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096554.D
Acq On : 7 Jul 2017 12:58
Operator : SJ/MA
Sample : I4064-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PET-BF001-01MS

Manual Integrations APPROVED
mohammad
7/10/2017 2:22:10 PM

Quant Time: Jul 07 14:56:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121177	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	496206	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	241175	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	387755	20.00	ng		0.00
75) Chrysene-d12	13.84	240	216688	20.00	ng		0.00
86) Perylene-d12	15.24	264	195827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	868319	105.76	ng		0.01
7) Phenol-d6	6.35	99	1064979	105.52	ng		0.00
23) Nitrobenzene-d5	7.26	82	640007	77.51	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	203835	108.20	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1082603	76.75	ng		0.00
78) Terphenyl-d14	12.80	244	803633	79.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	123226	31.653	ng	#	75
3) Pyridine	3.09	79	322965	30.236	ng	#	66
4) n-Nitrosodimethylamine	3.03	42	201791	38.275	ng		84
6) Aniline	6.36	93	434879	33.337	ng	#	9
8) 2-Chlorophenol	6.49	128	340646	38.908	ng		96
9) Benzaldehyde	6.24	77	236372	37.421	ng		97
10) Phenol	6.36	94	428532	37.269	ng		77
11) bis(2-Chloroethyl)ether	6.44	93	330188	37.158	ng		92
12) 1,3-Dichlorobenzene	6.64	146	357901	38.987	ng		99
13) 1,4-Dichlorobenzene	6.72	146	359099	39.137	ng		96
14) 1,2-Dichlorobenzene	6.87	146	328249	38.963	ng		98
15) Benzyl Alcohol	6.85	79	281703	41.753	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	706107	39.087	ng		92
17) 2-Methylphenol	6.96	107	280269	40.169	ng		98
18) Hexachloroethane	7.21	117	129971	39.072	ng	#	77
19) n-Nitroso-di-n-propylamine	7.12	70	222632	37.026	ng	#	84
20) 3+4-Methylphenols	7.12	107	319613	41.069	ng	#	85
22) Acetophenone	7.11	105	438176	40.414	ng	#	93
24) Nitrobenzene	7.28	77	343221	39.620	ng		91
25) Isophorone	7.52	82	553640	34.579	ng		95
26) 2-Nitrophenol	7.60	139	172017	37.516	ng		91
27) 2,4-Dimethylphenol	7.65	122	281766	36.090	ng		95
28) bis(2-Chloroethoxy)methane	7.73	93	374502	35.434	ng		99
29) 2,4-Dichlorophenol	7.85	162	256981	38.151	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	240495	37.849	ng		97
31) Naphthalene	8.00	128	954492	40.746	ng		99
32) Benzoic acid	7.76	122	138905	21.184	ng		96
33) 4-Chloroaniline	8.05	127	367719	37.792	ng		96
34) Hexachlorobutadiene	8.13	225	135108	41.456	ng		98
35) Caprolactam	8.42	113	102401m	44.085	ng		
36) 4-Chloro-3-methylphenol	8.54	107	301164	40.406	ng		88
37) 2-Methylnaphthalene	8.69	142	651281	43.676	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	219293	35.019	ng		98
40) Hexachlorocyclopentadiene	8.85	237	214740	70.525	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	171071	34.533	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	187852	38.352	ng		97
45) 1,1'-Biphenyl	9.16	154	706418	34.185	ng		97
46) 2-Chloronaphthalene	9.18	162	534004	34.676	ng		93
47) 2-Nitroaniline	9.27	65	190360	33.972	ng		94
48) Acenaphthylene	9.60	152	918878	37.656	ng		98
49) Dimethylphthalate	9.46	163	708537	39.355	ng		99
50) 2,6-Dinitrotoluene	9.52	165	153984	38.677	ng	#	92
51) Acenaphthene	9.77	154	521637	34.680	ng		98
52) 3-Nitroaniline	9.69	138	163479	32.921	ng	#	89
53) 2,4-Dinitrophenol	9.79	184	95660	45.237	ng	#	74
54) Dibenzofuran	9.94	168	788485	39.705	ng		99
55) 4-Nitrophenol	9.86	139	268748	65.296	ng	#	66
56) 2,4-Dinitrotoluene	9.92	165	200861	39.839	ng	#	80
57) Fluorene	10.28	166	568297	40.519	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	145356	42.893	ng		98
59) Diethylphthalate	10.16	149	657700	38.649	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	236595	38.771	ng		94
61) 4-Nitroaniline	10.30	138	179218	39.692	ng		89
62) Azobenzene	10.43	77	578660	35.166	ng		93
64) 4,6-Dinitro-2-methylphenol	10.33	198	83996	31.410	ng		86
65) n-Nitrosodiphenylamine	10.39	169	515464	37.888	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	156896	41.566	ng		98
67) Hexachlorobenzene	10.83	284	159793	38.672	ng		95
68) Atrazine	10.92	200	163245	41.999	ng		95
69) Pentachlorophenol	11.02	266	157530	64.326	ng		97
70) Phenanthrene	11.24	178	822716	39.250	ng		98
71) Anthracene	11.29	178	885889	41.474	ng		98
72) Carbazole	11.44	167	856184	39.857	ng		99
73) Di-n-butylphthalate	11.78	149	1029521	39.568	ng		98
74) Fluoranthene	12.42	202	777994	37.857	ng		99
76) Benzidine	12.54	184	350289	33.690	ng	#	92
77) Pyrene	12.64	202	792476	45.563	ng		99
79) Butylbenzylphthalate	13.27	149	381238	43.300	ng	#	79
80) Benzo(a)anthracene	13.83	228	514510	41.003	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	154873	30.050	ng	#	97
82) Chrysene	13.87	228	512180	38.978	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	465406	47.355	ng	#	100
84) Di-n-octyl phthalate	14.44	149	789049	40.770	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.59	276	538958	51.961	ng		97
87) Benzo(b)fluoranthene	14.84	252	430903	35.117	ng		98
88) Benzo(k)fluoranthene	14.87	252	427326m	38.932	ng		
89) Benzo(a)pyrene	15.19	252	421460	38.472	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	437720	50.790	ng		96
91) Benzo(g,h,i)perylene	17.00	276	473372	53.006	ng		98

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

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