Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104703.D
Acq On : 23 Apr 2018 12:27
Operator : JU/SJ
Sample : J2461-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MS

Manual Integrations APPROVED
Sohil
4/24/2018 3:48:28 PM

Quant Time: Apr 23 16:02:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	105617	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	400673	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	160740	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	275275	20.00	ng		0.00
75) Chrysene-d12	14.00	240	196625	20.00	ng		0.02
86) Perylene-d12	15.48	264	140068	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	557188	80.67	ng		0.01
7) Phenol-d6	6.46	99	642571	75.71	ng		0.01
23) Nitrobenzene-d5	7.37	82	392355	63.94	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	133432	80.02	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	675660	66.40	ng		0.00
78) Terphenyl-d14	12.93	244	610856	70.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	80751	25.089	ng		89
3) Pyridine	3.28	79	195705	21.627	ng	#	87
4) n-Nitrosodimethylamine	3.22	42	84531	26.723	ng	#	77
6) Aniline	6.47	93	43111	3.656	ng	#	1
8) 2-Chlorophenol	6.60	128	208921	28.657	ng		95
9) Benzaldehyde	6.36	77	121592	24.964	ng		97
10) Phenol	6.47	94	250835	27.855	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	207475	28.872	ng		97
12) 1,3-Dichlorobenzene	6.75	146	224566	27.189	ng		98
13) 1,4-Dichlorobenzene	6.83	146	226172	27.471	ng		97
14) 1,2-Dichlorobenzene	6.98	146	214168	28.071	ng		98
15) Benzyl Alcohol	6.95	79	162018	25.135	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	235762	24.430	ng		80
17) 2-Methylphenol	7.07	107	160924	25.393	ng	#	92
18) Hexachloroethane	7.32	117	60079	20.467	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	136237	24.566	ng		91
20) 3+4-Methylphenols	7.23	107	203083	25.838	ng		94
22) Acetophenone	7.22	105	282974	28.687	ng		96
24) Nitrobenzene	7.39	77	200584	29.608	ng		98
25) Isophorone	7.63	82	357260	27.533	ng		97
26) 2-Nitrophenol	7.71	139	85775	31.101	ng		94
27) 2,4-Dimethylphenol	7.75	122	169954	29.678	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	235737	29.714	ng		99
29) 2,4-Dichlorophenol	7.96	162	152854	27.975	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	166241	27.723	ng		99
31) Naphthalene	8.12	128	559104	28.023	ng		100
33) 4-Chloroaniline	8.17	127	42427	4.964	ng		98
34) Hexachlorobutadiene	8.22	225	91173	27.759	ng		99
35) Caprolactam	8.52	113	34135	17.908	ng	#	84
36) 4-Chloro-3-methylphenol	8.65	107	151494	25.857	ng		99
37) 2-Methylnaphthalene	8.80	142	352293	27.298	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	148536	32.281	ng		99
40) Hexachlorocyclopentadiene	8.95	237	8469	3.288	ng		97
42) 2,4,6-Trichlorophenol	9.09	196	94447	29.569	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	98614	27.589	ng		98
45) 1,1'-Biphenyl	9.27	154	411645	30.485	ng		98
46) 2-Chloronaphthalene	9.30	162	314466	29.483	ng		97
47) 2-Nitroaniline	9.39	65	98110	37.196	ng		96
48) Acenaphthylene	9.71	152	438520	26.205	ng		100
49) Dimethylphthalate	9.56	163	418982	33.054	ng		100
50) 2,6-Dinitrotoluene	9.63	165	63853	27.224	ng		94
51) Acenaphthene	9.88	154	267675	26.216	ng		99
52) 3-Nitroaniline	9.80	138	37984	13.833	ng		97
53) 2,4-Dinitrophenol	9.92	184	897	6.520	ng	#	47
54) Dibenzofuran	10.06	168	402915	28.316	ng		100
55) 4-Nitrophenol	9.98	139	103219	47.854	ng		97
56) 2,4-Dinitrotoluene	10.04	165	73466	23.879	ng		98
57) Fluorene	10.40	166	314497	30.366	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	74337	27.877	ng		93
59) Diethylphthalate	10.26	149	351937	27.878	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	145994	31.652	ng		99
61) 4-Nitroaniline	10.42	138	45959	17.118	ng		96
62) Azobenzene	10.55	77	305256	25.310	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	2005	8.614	ng		80
65) n-Nitrosodiphenylamine	10.51	169	273329	28.637	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	84852	28.979	ng	#	89
67) Hexachlorobenzene	10.95	284	93575	28.402	ng		97
68) Atrazine	11.04	200	81585	28.319	ng		98
69) Pentachlorophenol	11.15	266	74347	36.476	ng		99
70) Phenanthrene	11.36	178	437885	28.564	ng		99
71) Anthracene	11.42	178	440735	28.283	ng		100
72) Carbazole	11.57	167	399083	26.208	ng		99
73) Di-n-butylphthalate	11.89	149	597360	32.114	ng		99
74) Fluoranthene	12.56	202	462583	28.881	ng		96
76) Benzidine	12.73	184	384	Below Cal		#	1
77) Pyrene	12.79	202	463135	31.777	ng		99
79) Butylbenzylphthalate	13.41	149	272910	39.746	ng		94
80) Benzo(a)anthracene	13.99	228	347450	29.579	ng		99
82) Chrysene	14.03	228	331620m	27.485	ng		
83) Bis(2-ethylhexyl)phthalate	13.97	149	417570	47.281	ng		100
84) Di-n-octyl phthalate	14.60	149	479564	32.497	ng		95
85) Indeno(1,2,3-cd)pyrene	16.95	276	244167	23.822	ng		95
87) Benzo(b)fluoranthene	15.05	252	266796	30.159	ng	#	96
88) Benzo(k)fluoranthene	15.08	252	242505	29.036	ng		98
89) Benzo(a)pyrene	15.42	252	223293	28.210	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	208453	32.065	ng		99
91) Benzo(g,h,i)perylene	17.40	276	205152	32.573	ng		96

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

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