Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104484.D
Acq On : 13 Apr 2018 17:47
Operator : JU/SJ
Sample : J2360-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAA-WS-001MSD

Manual Integrations APPROVED
Sohil
4/16/2018 3:10:14 PM

Quant Time: Apr 13 23:08:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133462	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	546201	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	237194	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	383934	20.00	ng		0.00
75) Chrysene-d12	13.99	240	243949	20.00	ng		0.00
86) Perylene-d12	15.44	264	220448	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	976831	111.91	ng		0.01
7) Phenol-d6	6.45	99	1198309	111.74	ng		0.00
23) Nitrobenzene-d5	7.38	82	749648	89.62	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	268729	109.22	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1228579	81.83	ng		0.00
78) Terphenyl-d14	12.93	244	943573	88.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	118494	29.135	ng		91
3) Pyridine	3.33	79	338950	29.642	ng	#	86
4) n-Nitrosodimethylamine	3.29	42	128581	32.168	ng		82
6) Aniline	6.47	93	378181	25.382	ng		99
8) 2-Chlorophenol	6.60	128	338203	36.711	ng		96
9) Benzaldehyde	6.36	77	145931	23.375	ng		99
10) Phenol	6.46	94	444019	39.021	ng		90
11) bis(2-Chloroethyl)ether	6.55	93	325443	35.840	ng		95
12) 1,3-Dichlorobenzene	6.75	146	365080	34.980	ng		98
13) 1,4-Dichlorobenzene	6.83	146	371611	35.719	ng		99
14) 1,2-Dichlorobenzene	6.98	146	343367	35.615	ng		99
15) Benzyl Alcohol	6.96	79	284416	34.917	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	422703	34.663	ng		92
17) 2-Methylphenol	7.07	107	279440	34.895	ng		98
18) Hexachloroethane	7.32	117	129416	34.889	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	230026	32.824	ng		95
20) 3+4-Methylphenols	7.22	107	327112	32.936	ng	#	67
22) Acetophenone	7.22	105	453520	33.726	ng	#	94
24) Nitrobenzene	7.40	77	351944	38.109	ng		98
25) Isophorone	7.63	82	571168	32.291	ng		99
26) 2-Nitrophenol	7.71	139	182505	48.543	ng		98
27) 2,4-Dimethylphenol	7.75	122	260464	33.365	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	391561	36.206	ng		99
29) 2,4-Dichlorophenol	7.95	162	272839	36.630	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	295767	36.182	ng		99
31) Naphthalene	8.12	128	894013	32.871	ng		100
32) Benzoic acid	7.83	122	58519	9.395	ng		98
33) 4-Chloroaniline	8.16	127	220023	18.883	ng		99
34) Hexachlorobutadiene	8.23	225	165433	36.948	ng		99
35) Caprolactam	8.53	113	85071m	32.740	ng		
36) 4-Chloro-3-methylphenol	8.65	107	290904	36.423	ng		100
37) 2-Methylnaphthalene	8.81	142	566990	32.228	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	258764	38.110	ng		99
40) Hexachlorocyclopentadiene	8.96	237	123600	32.516	ng		96

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	186650	39.600	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	191125	36.236	ng		98
45) 1,1'-Biphenyl	9.27	154	720784	36.173	ng		99
46) 2-Chloronaphthalene	9.30	162	580337	36.873	ng		100
47) 2-Nitroaniline	9.40	65	177607	45.631	ng		94
48) Acenaphthylene	9.72	152	824643	33.395	ng		100
49) Dimethylphthalate	9.57	163	807636	43.178	ng		100
50) 2,6-Dinitrotoluene	9.64	165	149678	43.246	ng		96
51) Acenaphthene	9.89	154	479939	31.854	ng		99
52) 3-Nitroaniline	9.81	138	126424	31.201	ng		90
53) 2,4-Dinitrophenol	9.92	184	35376	35.229	ng	#	18
54) Dibenzofuran	10.06	168	740687	35.276	ng		98
55) 4-Nitrophenol	9.97	139	224415	70.507	ng		91
56) 2,4-Dinitrotoluene	10.05	165	187741	41.353	ng	#	89
57) Fluorene	10.40	166	524258	34.303	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	138817	35.278	ng		95
59) Diethylphthalate	10.27	149	633621	34.014	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	270187	39.697	ng		100
61) 4-Nitroaniline	10.42	138	143932	36.330	ng		97
62) Azobenzene	10.56	77	594451	33.401	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	40157	25.536	ng		81
65) n-Nitrosodiphenylamine	10.52	169	517640	38.885	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	164414	40.260	ng		91
67) Hexachlorobenzene	10.95	284	173787	37.819	ng	#	90
68) Atrazine	11.04	200	162890	40.538	ng		97
69) Pentachlorophenol	11.14	266	161146	56.686	ng		97
70) Phenanthrene	11.37	178	708766	33.149	ng		99
71) Anthracene	11.42	178	712758	32.794	ng		99
72) Carbazole	11.57	167	701192	33.016	ng		100
73) Di-n-butylphthalate	11.90	149	917464	35.364	ng		100
74) Fluoranthene	12.56	202	637200	28.524	ng		97
76) Benzidine	12.68	184	411629	55.081	ng		97
77) Pyrene	12.79	202	629687	34.823	ng		100
79) Butylbenzylphthalate	13.40	149	319064	37.454	ng		96
80) Benzo(a)anthracene	13.97	228	520879	35.741	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	203827	37.510	ng		98
82) Chrysene	14.02	228	512676	34.248	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	438788	40.045	ng		100
84) Di-n-octyl phthalate	14.58	149	682617	37.283	ng		95
85) Indeno(1,2,3-cd)pyrene	16.90	276	412598	32.446	ng		96
87) Benzo(b)fluoranthene	15.02	252	496831	35.684	ng		97
88) Benzo(k)fluoranthene	15.05	252	436231	33.187	ng		99
89) Benzo(a)pyrene	15.39	252	428630	34.407	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	349159	34.126	ng		96
91) Benzo(g,h,i)perylene	17.34	276	324650	32.751	ng		97

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

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