Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104580.D
Acq On : 17 Apr 2018 23:42
Operator : JU/SJ
Sample : J2408-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-WS-005MS

Manual Integrations APPROVED
Sohil
4/18/2018 3:01:14 PM

Quant Time: Apr 18 02:27:28 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 17:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140902	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	551644	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	223854	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	338150	20.00	ng		0.00
75) Chrysene-d12	13.98	240	277629	20.00	ng		0.00
86) Perylene-d12	15.44	264	209099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	563734	61.18	ng		0.00
7) Phenol-d6	6.44	99	689726	60.92	ng		0.00
23) Nitrobenzene-d5	7.37	82	419138	49.61	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	133576	57.52	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	731034	51.59	ng		0.00
78) Terphenyl-d14	12.92	244	558135	45.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	80262	18.693	ng		89
3) Pyridine	3.30	79	193721	16.047	ng	#	86
4) n-Nitrosodimethylamine	3.24	42	85515	20.264	ng	#	80
6) Aniline	6.47	93	222012	14.114	ng		95
8) 2-Chlorophenol	6.59	128	213605	21.962	ng		93
9) Benzaldehyde	6.35	77	129785	18.859	ng		98
10) Phenol	6.46	94	276032	22.977	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	202204	21.092	ng		96
12) 1,3-Dichlorobenzene	6.75	146	224764	20.399	ng		98
13) 1,4-Dichlorobenzene	6.82	146	228787	20.830	ng		100
14) 1,2-Dichlorobenzene	6.97	146	214849	21.108	ng		98
15) Benzyl Alcohol	6.95	79	175946	20.460	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	257324	19.987	ng		91
17) 2-Methylphenol	7.06	107	173165	20.482	ng		97
18) Hexachloroethane	7.32	117	63226	16.145	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	136468	18.445	ng		92
20) 3+4-Methylphenols	7.22	107	211594	20.180	ng	#	67
22) Acetophenone	7.21	105	280637	20.664	ng	#	96
24) Nitrobenzene	7.39	77	214234	22.969	ng		99
25) Isophorone	7.62	82	374254	20.949	ng		96
26) 2-Nitrophenol	7.70	139	99967	26.327	ng		97
27) 2,4-Dimethylphenol	7.74	122	174316	22.109	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	249164	22.812	ng		98
29) 2,4-Dichlorophenol	7.95	162	165559	22.008	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	171314	20.750	ng		99
31) Naphthalene	8.11	128	582259	21.197	ng		99
32) Benzoic acid	7.80	122	15748m	2.503	ng		
33) 4-Chloroaniline	8.16	127	161312	13.708	ng		96
34) Hexachlorobutadiene	8.22	225	91923	20.328	ng		99
35) Caprolactam	8.50	113	43394	16.535	ng	#	82
36) 4-Chloro-3-methylphenol	8.64	107	165935	20.571	ng		99
37) 2-Methylnaphthalene	8.80	142	375199	21.116	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	156258	24.385	ng		99
42) 2,4,6-Trichlorophenol	9.08	196	101636	22.848	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	105373	21.168	ng		96
45) 1,1'-Biphenyl	9.26	154	428849	22.805	ng		99
46) 2-Chloronaphthalene	9.29	162	327576	22.053	ng		98
47) 2-Nitroaniline	9.39	65	95266	25.934	ng		97
48) Acenaphthylene	9.70	152	484378	20.784	ng		99
49) Dimethylphthalate	9.56	163	442675	25.077	ng		100
50) 2,6-Dinitrotoluene	9.63	165	78937	24.166	ng		97
51) Acenaphthene	9.87	154	279357	19.646	ng		99
52) 3-Nitroaniline	9.80	138	70663	18.479	ng		97
53) 2,4-Dinitrophenol	9.90	184	7712	13.286	ng	#	23
54) Dibenzofuran	10.05	168	421714	21.281	ng		98
55) 4-Nitrophenol	9.96	139	117889	39.246	ng		93
56) 2,4-Dinitrotoluene	10.03	165	93923	21.921	ng	#	89
57) Fluorene	10.39	166	315741	21.891	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	73615	19.823	ng		93
59) Diethylphthalate	10.26	149	353190	20.089	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	149390	23.257	ng		92
61) 4-Nitroaniline	10.41	138	72219	19.315	ng		92
62) Azobenzene	10.54	77	311725	18.559	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	11523	13.273	ng		81
65) n-Nitrosodiphenylamine	10.50	169	278473	23.751	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	83182	23.126	ng		91
67) Hexachlorobenzene	10.94	284	90349	22.324	ng		92
68) Atrazine	11.03	200	83025	23.460	ng		99
69) Pentachlorophenol	11.13	266	73461	29.340	ng		99
70) Phenanthrene	11.36	178	406988	21.612	ng		99
71) Anthracene	11.41	178	420844	21.985	ng		99
72) Carbazole	11.56	167	381571	20.399	ng		99
73) Di-n-butylphthalate	11.89	149	495291	21.676	ng		98
74) Fluoranthene	12.54	202	404988	20.584	ng		99
76) Benzidine	12.67	184	278838	26.674	ng		97
77) Pyrene	12.77	202	414170	20.126	ng		100
79) Butylbenzylphthalate	13.39	149	198041	20.427	ng		98
80) Benzo(a)anthracene	13.97	228	369323	22.267	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	140547	22.727	ng		99
82) Chrysene	14.00	228	354472	20.807	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	282029	22.616	ng		100
84) Di-n-octyl phthalate	14.57	149	475029	22.798	ng		95
85) Indeno(1,2,3-cd)pyrene	16.89	276	246004	16.999	ng		98
87) Benzo(b)fluoranthene	15.01	252	305595	23.140	ng		98
88) Benzo(k)fluoranthene	15.04	252	278273	22.319	ng		99
89) Benzo(a)pyrene	15.37	252	258821	21.904	ng		98
90) Dibenzo(a,h)anthracene	16.90	278	207708	21.403	ng		98
91) Benzo(g,h,i)perylene	17.32	276	201329	21.413	ng		96

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

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