Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104596.D
Acq On : 18 Apr 2018 12:51
Operator : JU/SJ
Sample : J2408-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-WS-006MSD

Manual Integrations APPROVED
Sohil
4/19/2018 12:42:53 PM

Quant Time: Apr 18 15:09:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129442	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	542054	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	242504	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	421915	20.00	ng		0.00
75) Chrysene-d12	13.98	240	265229	20.00	ng		0.00
86) Perylene-d12	15.44	264	244597	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	923676	109.11	ng		0.01
7) Phenol-d6	6.45	99	1145284	110.11	ng		0.00
23) Nitrobenzene-d5	7.37	82	727770	87.67	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	286492	113.89	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1248271	81.32	ng		0.00
78) Terphenyl-d14	12.92	244	1102874	94.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	129068	32.721	ng	#	88
3) Pyridine	3.30	79	348976	31.467	ng	#	87
4) n-Nitrosodimethylamine	3.26	42	144313	37.225	ng		79
6) Aniline	6.47	93	243880	16.877	ng		99
8) 2-Chlorophenol	6.59	128	352229	39.421	ng		95
9) Benzaldehyde	6.36	77	213182	40.777	ng		96
10) Phenol	6.46	94	428232	38.803	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	330117	37.484	ng		95
12) 1,3-Dichlorobenzene	6.75	146	363182	35.879	ng		99
13) 1,4-Dichlorobenzene	6.82	146	369919	36.661	ng		99
14) 1,2-Dichlorobenzene	6.97	146	343556	36.741	ng		100
15) Benzyl Alcohol	6.95	79	284118	35.964	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	428603	36.238	ng		91
17) 2-Methylphenol	7.06	107	287314	36.992	ng		98
18) Hexachloroethane	7.32	117	135544	37.676	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	225901	33.236	ng		92
20) 3+4-Methylphenols	7.22	107	336722	34.956	ng	#	64
22) Acetophenone	7.22	105	456466	34.205	ng	#	97
24) Nitrobenzene	7.39	77	361891	39.486	ng		95
25) Isophorone	7.63	82	649930	37.024	ng		99
26) 2-Nitrophenol	7.70	139	190946	51.176	ng		95
27) 2,4-Dimethylphenol	7.75	122	292702	37.782	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	425185	39.616	ng		98
29) 2,4-Dichlorophenol	7.95	162	287589	38.906	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	291984	35.992	ng		99
31) Naphthalene	8.11	128	983756	36.447	ng		100
32) Benzoic acid	7.83	122	53151	8.599	ng		97
33) 4-Chloroaniline	8.16	127	88012	7.611	ng		96
34) Hexachlorobutadiene	8.22	225	157970	35.551	ng		98
35) Caprolactam	8.53	113	87434m	33.906	ng		
36) 4-Chloro-3-methylphenol	8.65	107	299270	37.757	ng		97
37) 2-Methylnaphthalene	8.80	142	650312	37.247	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	271385	39.094	ng		99
40) Hexachlorocyclopentadiene	8.95	237	249548	64.212	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	190468	39.525	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	199815	37.054	ng		98
45) 1,1'-Biphenyl	9.27	154	749803	36.806	ng		99
46) 2-Chloronaphthalene	9.29	162	602036	37.414	ng		99
47) 2-Nitroaniline	9.39	65	181313	45.563	ng		91
48) Acenaphthylene	9.71	152	904674	35.833	ng		99
49) Dimethylphthalate	9.57	163	807549	42.228	ng		100
50) 2,6-Dinitrotoluene	9.63	165	153712	43.439	ng		94
51) Acenaphthene	9.88	154	528979	34.340	ng		100
52) 3-Nitroaniline	9.80	138	69130	16.688	ng		98
53) 2,4-Dinitrophenol	9.91	184	96690	70.231	ng	#	20
54) Dibenzofuran	10.05	168	790691	36.833	ng		98
55) 4-Nitrophenol	9.97	139	241543	74.226	ng		99
56) 2,4-Dinitrotoluene	10.04	165	202071	43.535	ng		91
57) Fluorene	10.39	166	609601	39.014	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	155546	38.663	ng		96
59) Diethylphthalate	10.27	149	672693	35.320	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	276560	39.743	ng		97
61) 4-Nitroaniline	10.42	138	157956	38.996	ng		98
62) Azobenzene	10.55	77	643427	35.361	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	88343	43.760	ng		82
65) n-Nitrosodiphenylamine	10.50	169	553843	37.860	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	173914	38.752	ng		96
67) Hexachlorobenzene	10.94	284	191702	37.963	ng		94
68) Atrazine	11.03	200	173123	39.207	ng		99
69) Pentachlorophenol	11.14	266	175109	56.052	ng		97
70) Phenanthrene	11.36	178	860219	36.611	ng		99
71) Anthracene	11.41	178	884414	37.029	ng		100
72) Carbazole	11.57	167	788606	33.789	ng		100
73) Di-n-butylphthalate	11.89	149	1007547	35.340	ng		99
74) Fluoranthene	12.55	202	827214	33.696	ng		100
76) Benzidine	12.67	184	270401	27.208	ng		98
77) Pyrene	12.77	202	812105	41.308	ng		99
79) Butylbenzylphthalate	13.39	149	367724	39.703	ng		98
80) Benzo(a)anthracene	13.97	228	620316	39.149	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	127357	21.557	ng		98
82) Chrysene	14.00	228	591494	36.343	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	491647	41.269	ng		100
84) Di-n-octyl phthalate	14.57	149	751134	37.734	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	700806	50.689	ng		98
87) Benzo(b)fluoranthene	15.02	252	548584	35.511	ng		99
88) Benzo(k)fluoranthene	15.04	252	541209	37.108	ng		98
89) Benzo(a)pyrene	15.38	252	540318	39.090	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	582475	51.309	ng		98
91) Benzo(g,h,i)perylene	17.33	276	606462	55.140	ng		97

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

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