Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104581.D
Acq On : 18 Apr 2018 00:08
Operator : JU/SJ
Sample : J2408-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAA-WS-005MSD

Manual Integrations APPROVED
Sohil
4/18/2018 3:01:16 PM

Quant Time: Apr 18 02:30:24 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	131126	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	535731	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	226010	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	377212	20.00	ng		0.00
75) Chrysene-d12	13.98	240	271823	20.00	ng		0.00
86) Perylene-d12	15.44	264	231322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	947252	110.46	ng		0.01
7) Phenol-d6	6.45	99	1172958	111.32	ng		0.00
23) Nitrobenzene-d5	7.37	82	733494	89.40	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	264610	112.87	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1193281	83.41	ng		0.00
78) Terphenyl-d14	12.92	244	1016659	85.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	134595	33.683	ng		89
3) Pyridine	3.30	79	363190	32.328	ng		88
4) n-Nitrosodimethylamine	3.26	42	150829	38.406	ng		80
6) Aniline	6.47	93	291572	19.918	ng	#	81
8) 2-Chlorophenol	6.59	128	354470	39.162	ng		98
9) Benzaldehyde	6.36	77	220041	41.957	ng		96
10) Phenol	6.46	94	436331	39.029	ng		92
11) bis(2-Chloroethyl)ether	6.55	93	350485	39.285	ng		95
12) 1,3-Dichlorobenzene	6.75	146	375144	36.585	ng		99
13) 1,4-Dichlorobenzene	6.82	146	379416	37.119	ng		99
14) 1,2-Dichlorobenzene	6.97	146	352786	37.244	ng		99
15) Benzyl Alcohol	6.95	79	293970	36.733	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	427737	35.701	ng		89
17) 2-Methylphenol	7.06	107	292879	37.225	ng		97
18) Hexachloroethane	7.32	117	120214	32.986	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	224833	32.654	ng		94
20) 3+4-Methylphenols	7.22	107	341239	34.970	ng	#	62
22) Acetophenone	7.22	105	456275	34.594	ng		96
24) Nitrobenzene	7.39	77	364618	40.253	ng		98
25) Isophorone	7.63	82	641987	37.004	ng		98
26) 2-Nitrophenol	7.70	139	185964	50.429	ng		97
27) 2,4-Dimethylphenol	7.75	122	291980	38.133	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	420606	39.651	ng		99
29) 2,4-Dichlorophenol	7.95	162	284612	38.957	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	289107	36.058	ng		99
31) Naphthalene	8.11	128	980675	36.762	ng		99
32) Benzoic acid	7.83	122	60839m	9.958	ng		
33) 4-Chloroaniline	8.16	127	156335	13.679	ng		96
34) Hexachlorobutadiene	8.22	225	155329	35.369	ng		99
35) Caprolactam	8.53	113	90474	35.499	ng	#	82
36) 4-Chloro-3-methylphenol	8.65	107	296163	37.806	ng		99
37) 2-Methylnaphthalene	8.80	142	629921	36.505	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	263761	40.769	ng		98
40) Hexachlorocyclopentadiene	8.95	237	56261	15.533	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	184729	41.132	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	196804	39.159	ng		94
45) 1,1'-Biphenyl	9.27	154	723823	38.123	ng		99
46) 2-Chloronaphthalene	9.29	162	573668	38.253	ng		100
47) 2-Nitroaniline	9.39	65	175587	47.344	ng		93
48) Acenaphthylene	9.71	152	857402	36.439	ng		99
49) Dimethylphthalate	9.57	163	774560	43.459	ng		100
50) 2,6-Dinitrotoluene	9.63	165	147543	44.739	ng		95
51) Acenaphthene	9.88	154	495648	34.525	ng		99
52) 3-Nitroaniline	9.80	138	95672	24.780	ng		100
53) 2,4-Dinitrophenol	9.91	184	49581	46.322	ng	#	20
54) Dibenzofuran	10.05	168	748077	37.391	ng		98
55) 4-Nitrophenol	9.97	139	244491	80.615	ng		90
56) 2,4-Dinitrotoluene	10.04	165	188571	43.591	ng		93
57) Fluorene	10.40	166	562547	38.630	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	147471	39.331	ng		94
59) Diethylphthalate	10.27	149	629663	35.474	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	258050	39.790	ng		98
61) 4-Nitroaniline	10.42	138	135669	35.939	ng		96
62) Azobenzene	10.55	77	588736	34.717	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	49444	30.142	ng		79
65) n-Nitrosodiphenylamine	10.50	169	516223	39.470	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	158503	39.504	ng		96
67) Hexachlorobenzene	10.94	284	172015	38.101	ng	#	86
68) Atrazine	11.03	200	160772	40.724	ng		99
69) Pentachlorophenol	11.14	266	167487	59.966	ng		98
70) Phenanthrene	11.36	178	775694	36.926	ng		99
71) Anthracene	11.41	178	795034	37.232	ng		99
72) Carbazole	11.57	167	740743	35.500	ng		99
73) Di-n-butylphthalate	11.89	149	945158	37.081	ng		99
74) Fluoranthene	12.55	202	762364	34.735	ng		97
76) Benzidine	12.67	184	467631	56.784	ng		98
77) Pyrene	12.78	202	759339	37.687	ng		99
79) Butylbenzylphthalate	13.40	149	371098	39.095	ng		94
80) Benzo(a)anthracene	13.97	228	642787	39.583	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	228581	37.752	ng		98
82) Chrysene	14.01	228	620809	37.219	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	510529	41.814	ng		98
84) Di-n-octyl phthalate	14.57	149	831950	40.780	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	506992	35.781	ng		98
87) Benzo(b)fluoranthene	15.02	252	570765	39.067	ng		98
88) Benzo(k)fluoranthene	15.05	252	545157	39.524	ng		98
89) Benzo(a)pyrene	15.38	252	518740	39.683	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	427551	39.823	ng		97
91) Benzo(g,h,i)perylene	17.33	276	402792	38.724	ng		97

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

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