Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100267.D
Acq On : 6 Nov 2017 22:42
Operator : SJ/JU
Sample : I6332-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Manual Integrations APPROVED
Sohil
11/7/2017 5:39:57 PM

Quant Time: Nov 07 10:55:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98037	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	404681	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	189238	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	328535	20.00	ng		0.00
75) Chrysene-d12	13.94	240	187952	20.00	ng		0.00
86) Perylene-d12	15.40	264	177393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	371691	59.52	ng		0.02
7) Phenol-d6	6.42	99	262103	35.40	ng		0.00
23) Nitrobenzene-d5	7.34	82	524019	83.37	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	202506	117.42	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1039958	84.79	ng		0.00
78) Terphenyl-d14	12.87	244	887361	103.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	40217	14.584	ng	#	87
3) Pyridine	3.36	79	57955m	8.740	ng		
4) n-Nitrosodimethylamine	3.27	42	32489m	13.714	ng		
6) Aniline	6.44	93	151210	15.750	ng	#	79
8) 2-Chlorophenol	6.56	128	231886	34.842	ng		92
9) Benzaldehyde	6.53	77	12201	2.758	ng		90
10) Phenol	6.43	94	95103	11.699	ng	#	1
11) bis(2-Chloroethyl)ether	6.50	93	255131	40.641	ng		93
12) 1,3-Dichlorobenzene	6.70	146	279382m	37.387	ng		
13) 1,4-Dichlorobenzene	6.77	146	284957	37.572	ng		98
14) 1,2-Dichlorobenzene	6.93	146	263228	38.082	ng		96
15) Benzyl Alcohol	6.92	79	123210	26.166	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	329721	47.282	ng		92
17) 2-Methylphenol	7.04	107	152595	27.411	ng	#	91
18) Hexachloroethane	7.26	117	90380	35.719	ng		93
19) n-Nitroso-di-n-propylamine	7.18	70	181077	41.732	ng		89
20) 3+4-Methylphenols	7.20	107	188240	29.040	ng		96
22) Acetophenone	7.18	105	381946	41.452	ng	#	90
24) Nitrobenzene	7.36	77	269399	42.536	ng		89
25) Isophorone	7.59	82	505500	44.319	ng		97
26) 2-Nitrophenol	7.67	139	154446	42.576	ng		91
27) 2,4-Dimethylphenol	7.71	122	276259	51.687	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	346985	43.438	ng		99
29) 2,4-Dichlorophenol	7.93	162	235233	42.367	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	225377	37.990	ng		99
31) Naphthalene	8.06	128	777347	39.794	ng		99
32) Benzoic acid	7.86	122	35699	7.588	ng		100
33) 4-Chloroaniline	8.14	127	128348	15.912	ng	#	93
34) Hexachlorobutadiene	8.16	225	105568	34.596	ng		98
35) Caprolactam	8.57	113	11608m	6.648	ng		
36) 4-Chloro-3-methylphenol	8.62	107	219038	38.651	ng		93
37) 2-Methylnaphthalene	8.76	142	547903	41.854	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	229757	37.592	ng	#	98
40) Hexachlorocyclopentadiene	8.89	237	28505	33.890	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	150145	40.613	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	139409	35.535	ng	#	94
45) 1,1'-Biphenyl	9.22	154	662939	38.725	ng		97
46) 2-Chloronaphthalene	9.25	162	514362	41.372	ng		97
47) 2-Nitroaniline	9.36	65	136806	41.926	ng		90
48) Acenaphthylene	9.66	152	779245	40.694	ng		99
49) Dimethylphthalate	9.53	163	598170	39.915	ng		99
50) 2,6-Dinitrotoluene	9.60	165	133548	42.390	ng	#	86
51) Acenaphthene	9.83	154	463630	39.625	ng		99
52) 3-Nitroaniline	9.79	138	66083	17.802	ng		88
53) 2,4-Dinitrophenol	9.91	184	108158	86.452	ng	#	84
54) Dibenzofuran	10.00	168	710769	43.036	ng		99
56) 2,4-Dinitrotoluene	10.02	165	187872	49.518	ng	#	80
57) Fluorene	10.35	166	570738	41.737	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	126591	46.022	ng	#	85
59) Diethylphthalate	10.22	149	582533	39.805	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	262470	40.783	ng		94
61) 4-Nitroaniline	10.40	138	130786	36.928	ng		84
62) Azobenzene	10.50	77	498268	40.616	ng		88
64) 4,6-Dinitro-2-methylphenol	10.44	198	66353	32.129	ng	#	76
65) n-Nitrosodiphenylamine	10.46	169	500460	41.266	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	152571	44.113	ng		93
67) Hexachlorobenzene	10.90	284	153095	43.266	ng		95
68) Atrazine	10.99	200	150981	41.444	ng		99
69) Pentachlorophenol	11.11	266	97045	64.185	ng		97
70) Phenanthrene	11.32	178	794486	42.851	ng		98
71) Anthracene	11.37	178	822981	43.729	ng		99
72) Carbazole	11.53	167	756033	42.719	ng		99
73) Di-n-butylphthalate	11.84	149	915837	40.572	ng	#	97
74) Fluoranthene	12.51	202	779084	40.434	ng		97
76) Benzidine	12.64	184	137597	16.731	ng		97
77) Pyrene	12.74	202	770985	53.946	ng		98
79) Butylbenzylphthalate	13.34	149	348415	49.507	ng	#	85
80) Benzo(a)anthracene	13.93	228	499563	41.928	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	101402	23.445	ng		100
82) Chrysene	13.97	228	487744	43.542	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	437366	44.254	ng		98
84) Di-n-octyl phthalate	14.50	149	618576	36.466	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	515919	50.171	ng		97
87) Benzo(b)fluoranthene	14.98	252	429953	38.383	ng		98
88) Benzo(k)fluoranthene	15.01	252	462397	43.777	ng		99
89) Benzo(a)pyrene	15.34	252	449683	44.691	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	435292	48.686	ng		97
91) Benzo(g,h,i)perylene	17.32	276	447168	51.121	ng		97

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

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