Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100248.D
Acq On : 6 Nov 2017 13:34
Operator : SJ/JU
Sample : I6092-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

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

Quant Time: Nov 07 00:38:59 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	85968	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	361483	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	168428	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	316210	20.00	ng		0.00
75) Chrysene-d12	13.94	240	227453	20.00	ng		0.00
86) Perylene-d12	15.41	264	41569	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	721949	131.84	ng		0.03
7) Phenol-d6	6.42	99	756203	116.47	ng		0.00
23) Nitrobenzene-d5	7.33	82	503356	89.65	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	205809	134.09	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1022538	93.67	ng		0.00
78) Terphenyl-d14	12.87	244	956852	91.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	89573m	37.043	ng		
3) Pyridine	3.52	79	60698m	10.438	ng		
4) n-Nitrosodimethylamine	3.37	42	67604	32.542	ng	#	71
6) Aniline	6.46	93	21606m	2.566	ng		
8) 2-Chlorophenol	6.56	128	271674	46.551	ng		92
9) Benzaldehyde	6.35	77	64579	16.645	ng		85
10) Phenol	6.43	94	254080	35.642	ng		91
11) bis(2-Chloroethyl)ether	6.50	93	246468	44.773	ng		90
12) 1,3-Dichlorobenzene	6.70	146	293288m	44.758	ng		
13) 1,4-Dichlorobenzene	6.77	146	299095	44.973	ng		97
14) 1,2-Dichlorobenzene	6.93	146	280146	46.219	ng		96
15) Benzyl Alcohol	6.93	79	75488	18.282	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.03	45	303499	49.631	ng		75
17) 2-Methylphenol	7.03	107	207997	42.608	ng	#	90
18) Hexachloroethane	7.26	117	98666	44.468	ng		96
19) n-Nitroso-di-n-propylamine	7.18	70	171732	45.134	ng	#	87
20) 3+4-Methylphenols	7.20	107	278680	49.028	ng		96
22) Acetophenone	7.18	105	364205	44.250	ng	#	91
24) Nitrobenzene	7.35	77	254738	45.027	ng		94
25) Isophorone	7.59	82	476761	46.794	ng		97
26) 2-Nitrophenol	7.67	139	155256	47.914	ng	#	84
27) 2,4-Dimethylphenol	7.71	122	237093	49.660	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	237546	33.291	ng		99
29) 2,4-Dichlorophenol	7.93	162	241081	48.609	ng		94
30) 1,2,4-Trichlorobenzene	7.98	180	234140	44.184	ng		99
31) Naphthalene	8.06	128	787857	45.152	ng		99
32) Benzoic acid	7.89	122	150966	35.924	ng		87
34) Hexachlorobutadiene	8.16	225	118097	43.327	ng		99
35) Caprolactam	8.52	113	54179m	34.737	ng		
36) 4-Chloro-3-methylphenol	8.63	107	232350	45.899	ng		93
37) 2-Methylnaphthalene	8.75	142	553320	47.319	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	229506	42.190	ng	#	98
40) Hexachlorocyclopentadiene	8.89	237	54817	55.071	ng		96
42) 2,4,6-Trichlorophenol	9.05	196	150961	45.879	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	142450	40.796	ng		95
45) 1,1'-Biphenyl	9.22	154	652651	42.834	ng		98
46) 2-Chloronaphthalene	9.25	162	511151	46.193	ng		95
47) 2-Nitroaniline	9.36	65	91604	31.542	ng	#	83
48) Acenaphthylene	9.66	152	702063	41.193	ng		99
49) Dimethylphthalate	9.52	163	586822	43.996	ng		99
50) 2,6-Dinitrotoluene	9.60	165	134371	47.921	ng		91
51) Acenaphthene	9.83	154	460517	44.222	ng		98
52) 3-Nitroaniline	9.80	138	16714	5.059	ng	#	85
53) 2,4-Dinitrophenol	9.91	184	120106	106.437	ng	#	80
54) Dibenzofuran	10.00	168	700458	47.651	ng		99
55) 4-Nitrophenol	10.00	139	378277	219.127	ng	#	14
56) 2,4-Dinitrotoluene	10.02	165	182140	53.939	ng	#	76
57) Fluorene	10.35	166	558546	45.892	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	124059	50.674	ng		91
59) Diethylphthalate	10.22	149	566973	43.529	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	258469	45.124	ng		93
61) 4-Nitroaniline	10.40	138	39720	12.601	ng	#	82
62) Azobenzene	10.50	77	465088	42.595	ng		86
64) 4,6-Dinitro-2-methylphenol	10.43	198	83884	42.201	ng	#	73
65) n-Nitrosodiphenylamine	10.46	169	103090	8.832	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	150135	45.100	ng		93
67) Hexachlorobenzene	10.90	284	153270	45.004	ng		94
69) Pentachlorophenol	11.11	266	111018	76.288	ng		97
70) Phenanthrene	11.32	178	787514	44.130	ng		99
71) Anthracene	11.37	178	811590	44.805	ng		100
72) Carbazole	11.53	167	152054	8.926	ng		97
73) Di-n-butylphthalate	11.83	149	911501	41.953	ng		99
74) Fluoranthene	12.51	202	818838	44.153	ng		97
77) Pyrene	12.74	202	764894	44.225	ng		99
79) Butylbenzylphthalate	13.34	149	363898	42.727	ng		86
80) Benzo(a)anthracene	13.93	228	639846	44.375	ng		98
82) Chrysene	13.97	228	642208	47.375	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	535460	44.770	ng		99
84) Di-n-octyl phthalate	14.50	149	876223	42.684	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.87	276	324060	26.041	ng		95
87) Benzo(b)fluoranthene	14.98	252	495574	188.798	ng		98
88) Benzo(k)fluoranthene	15.01	252	513605	207.502	ng		99
89) Benzo(a)pyrene	15.34	252	333437	141.414	ng		97
90) Dibenzo(a,h)anthracene	16.86	278	349150	166.648	ng		98
91) Benzo(g,h,i)perylene	17.32	276	252267	123.070	ng		95

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

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