Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104546.D
Acq On : 16 Apr 2018 21:21
Operator : JU/SJ
Sample : J2354-02MS 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1-4PT-COMPMS

Manual Integrations APPROVED
Sohil
4/17/2018 10:09:12 AM

Quant Time: Apr 17 10:50:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	170762	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	667614	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	279394	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	422963	20.00	ng		0.00
75) Chrysene-d12	13.99	240	305868	20.00	ng		0.00
86) Perylene-d12	15.45	264	250304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	582327	52.14	ng		0.00
7) Phenol-d6	6.45	99	690010	50.29	ng		0.00
23) Nitrobenzene-d5	7.37	82	422497	41.32	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	134765	46.50	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	730450	41.30	ng		0.00
78) Terphenyl-d14	12.93	244	524422	39.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	75712	14.550	ng		89
3) Pyridine	3.28	79	191899	13.116	ng		87
4) n-Nitrosodimethylamine	3.22	42	71940	14.066	ng	#	75
6) Aniline	6.47	93	190587	9.997	ng	#	90
8) 2-Chlorophenol	6.60	128	208845	17.718	ng		93
9) Benzaldehyde	6.36	77	62049	5.952	ng		98
10) Phenol	6.46	94	284120	19.515	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	204614	17.611	ng		94
12) 1,3-Dichlorobenzene	6.75	146	223770	16.757	ng		98
13) 1,4-Dichlorobenzene	6.83	146	226866	17.043	ng		98
14) 1,2-Dichlorobenzene	6.98	146	212435	17.221	ng		99
15) Benzyl Alcohol	6.95	79	172988	16.598	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	268586	17.214	ng		92
17) 2-Methylphenol	7.07	107	164597	16.064	ng		96
18) Hexachloroethane	7.32	117	73470	15.480	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	138590	15.456	ng		96
20) 3+4-Methylphenols	7.22	107	204892	16.124	ng	#	70
22) Acetophenone	7.22	105	284630	17.317	ng	#	98
24) Nitrobenzene	7.39	77	209784	18.585	ng		98
25) Isophorone	7.63	82	335653	15.525	ng		98
26) 2-Nitrophenol	7.71	139	104873	22.821	ng		92
27) 2,4-Dimethylphenol	7.75	122	158178	16.577	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	239753	18.137	ng		99
29) 2,4-Dichlorophenol	7.96	162	161191	17.705	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	173726	17.387	ng		98
31) Naphthalene	8.12	128	541066	16.276	ng		99
32) Benzoic acid	7.82	122	49019m	6.439	ng		
33) 4-Chloroaniline	8.17	127	146891	10.314	ng		95
34) Hexachlorobutadiene	8.23	225	94748	17.313	ng		100
35) Caprolactam	8.52	113	47659	15.006	ng	#	84
36) 4-Chloro-3-methylphenol	8.65	107	161585	16.552	ng		95
37) 2-Methylnaphthalene	8.81	142	346928	16.134	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	149667	18.713	ng		99
40) Hexachlorocyclopentadiene	8.96	237	25828	5.768	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	103975	18.727	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	103437	16.649	ng		97
45) 1,1'-Biphenyl	9.27	154	433472	18.468	ng		99
46) 2-Chloronaphthalene	9.30	162	334147	18.024	ng		98
47) 2-Nitroaniline	9.39	65	99487	21.700	ng		96
48) Acenaphthylene	9.71	152	476794	16.392	ng		100
49) Dimethylphthalate	9.57	163	484302	21.981	ng		100
50) 2,6-Dinitrotoluene	9.63	165	79868	19.591	ng		96
51) Acenaphthene	9.89	154	275554	15.527	ng		99
52) 3-Nitroaniline	9.80	138	76829	16.097	ng		99
53) 2,4-Dinitrophenol	9.91	184	6091	10.409	ng	#	25
54) Dibenzofuran	10.06	168	423359	17.117	ng		100
55) 4-Nitrophenol	9.97	139	107675	28.720	ng		97
56) 2,4-Dinitrotoluene	10.04	165	94617	17.693	ng		91
57) Fluorene	10.40	166	301440	16.745	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	72993	15.748	ng		96
59) Diethylphthalate	10.27	149	364263	16.601	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	155082	19.344	ng		96
61) 4-Nitroaniline	10.42	138	76145	16.317	ng		91
62) Azobenzene	10.55	77	330181	15.750	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	7460	10.414	ng		95
65) n-Nitrosodiphenylamine	10.51	169	292543	19.948	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	89461	19.885	ng		96
67) Hexachlorobenzene	10.95	284	91591	18.093	ng		97
68) Atrazine	11.04	200	86826	19.614	ng		98
69) Pentachlorophenol	11.15	266	83326	26.607	ng		97
70) Phenanthrene	11.36	178	445108	18.897	ng		98
71) Anthracene	11.42	178	396178	16.546	ng		99
72) Carbazole	11.57	167	394072	16.843	ng		99
73) Di-n-butylphthalate	11.90	149	499649	17.482	ng		99
74) Fluoranthene	12.56	202	553694	22.499	ng		97
77) Pyrene	12.79	202	537164	23.693	ng		99
79) Butylbenzylphthalate	13.40	149	179037	16.762	ng		98
80) Benzo(a)anthracene	13.97	228	383020	20.961	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	85032	12.481	ng		97
82) Chrysene	14.02	228	397905	21.200	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	264831	19.276	ng		100
84) Di-n-octyl phthalate	14.58	149	401045	17.470	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	253921	15.926	ng		97
87) Benzo(b)fluoranthene	15.03	252	353344	22.351	ng		97
88) Benzo(k)fluoranthene	15.06	252	287408	19.257	ng		99
89) Benzo(a)pyrene	15.39	252	278179	19.666	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	181927	15.660	ng		98
91) Benzo(g,h,i)perylene	17.36	276	212439	18.875	ng		97

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

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