Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104433.D
Acq On : 11 Apr 2018 13:03
Operator : JU/SJ
Sample : J2310-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MSD

Manual Integrations APPROVED
Sohil
4/12/2018 2:30:30 PM

Quant Time: Apr 11 16:38:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145130	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	569585	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	242324	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	396814	20.00	ng		0.00
75) Chrysene-d12	13.99	240	265065	20.00	ng		0.00
86) Perylene-d12	15.46	264	255918	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	895727	94.37	ng		0.02
7) Phenol-d6	6.45	99	1141727	97.90	ng		0.01
23) Nitrobenzene-d5	7.38	82	695528	79.74	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	266430	105.99	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1212176	79.02	ng		0.00
78) Terphenyl-d14	12.93	244	958712	82.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	102694	23.220	ng		89
3) Pyridine	3.30	79	306610	24.658	ng		89
4) n-Nitrosodimethylamine	3.25	42	125315	28.830	ng		79
6) Aniline	6.47	93	157913	9.746	ng		98
8) 2-Chlorophenol	6.60	128	332730	33.213	ng		94
9) Benzaldehyde	6.36	77	206430	33.036	ng		99
10) Phenol	6.46	94	430033	34.754	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	339074	34.339	ng		94
12) 1,3-Dichlorobenzene	6.75	146	345317	30.426	ng		99
13) 1,4-Dichlorobenzene	6.83	146	351605	31.079	ng		99
14) 1,2-Dichlorobenzene	6.98	146	328755	31.358	ng		99
15) Benzyl Alcohol	6.95	79	288099	32.526	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	413245	31.163	ng		93
17) 2-Methylphenol	7.06	107	279007	32.040	ng		98
18) Hexachloroethane	7.32	117	118039	29.264	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	224503	29.460	ng		92
20) 3+4-Methylphenols	7.22	107	328418	30.409	ng	#	75
22) Acetophenone	7.22	105	458009	32.662	ng		97
24) Nitrobenzene	7.39	77	348306	36.167	ng		100
25) Isophorone	7.63	82	567054	30.742	ng		100
26) 2-Nitrophenol	7.71	139	184958	47.175	ng		95
27) 2,4-Dimethylphenol	7.75	122	268854	33.026	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	389599	34.545	ng		99
29) 2,4-Dichlorophenol	7.95	162	275956	35.527	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	287392	33.714	ng		98
31) Naphthalene	8.12	128	884019	31.169	ng		99
32) Benzoic acid	7.83	122	48430	7.456	ng		98
33) 4-Chloroaniline	8.17	127	200628	16.511	ng		97
34) Hexachlorobutadiene	8.23	225	155868	33.382	ng		98
35) Caprolactam	8.53	113	90797m	33.509	ng		
36) 4-Chloro-3-methylphenol	8.65	107	301535	36.204	ng		99
37) 2-Methylnaphthalene	8.80	142	570910	31.119	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	255249	36.797	ng		99
40) Hexachlorocyclopentadiene	8.96	237	153291	39.473	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	193150	40.111	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	197546	36.660	ng		94
45) 1,1'-Biphenyl	9.27	154	729711	35.846	ng		98
46) 2-Chloronaphthalene	9.30	162	578934	36.005	ng		99
47) 2-Nitroaniline	9.39	65	182937	46.005	ng		97
48) Acenaphthylene	9.72	152	840593	33.320	ng		99
49) Dimethylphthalate	9.57	163	748999	39.196	ng		100
50) 2,6-Dinitrotoluene	9.64	165	151810	42.934	ng	#	86
51) Acenaphthene	9.89	154	508354	33.026	ng		99
52) 3-Nitroaniline	9.80	138	115490	27.899	ng		99
53) 2,4-Dinitrophenol	9.91	184	90045	66.918	ng	#	22
54) Dibenzofuran	10.06	168	756668	35.274	ng		99
55) 4-Nitrophenol	9.97	139	241992	74.420	ng		97
56) 2,4-Dinitrotoluene	10.04	165	192383	41.479	ng		95
57) Fluorene	10.40	166	532680	34.116	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	146538	36.451	ng		95
59) Diethylphthalate	10.27	149	645787	33.933	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	268843	38.663	ng		98
61) 4-Nitroaniline	10.42	138	141204	34.887	ng		96
62) Azobenzene	10.55	77	604317	33.237	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	88045	45.932	ng		88
65) n-Nitrosodiphenylamine	10.51	169	524610	38.130	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	165588	39.231	ng		97
67) Hexachlorobenzene	10.95	284	175412	36.934	ng		95
68) Atrazine	11.04	200	162997	39.248	ng		99
69) Pentachlorophenol	11.14	266	193570	65.881	ng		96
70) Phenanthrene	11.36	178	726703	32.885	ng		99
71) Anthracene	11.42	178	741857	33.025	ng		99
72) Carbazole	11.57	167	737889	33.616	ng		99
73) Di-n-butylphthalate	11.90	149	902943	33.675	ng		99
74) Fluoranthene	12.56	202	699053	30.277	ng		96
76) Benzidine	12.67	184	119558	8.936	ng		97
77) Pyrene	12.79	202	705155	35.890	ng		100
79) Butylbenzylphthalate	13.40	149	332500	35.922	ng		95
80) Benzo(a)anthracene	13.98	228	540750	34.148	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	130991	22.186	ng	#	97
82) Chrysene	14.02	228	545436	33.534	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	445239	37.397	ng		99
84) Di-n-octyl phthalate	14.59	149	703137	35.345	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	530716	38.410	ng		95
87) Benzo(b)fluoranthene	15.03	252	538549	33.319	ng	#	92
88) Benzo(k)fluoranthene	15.07	252	495822	32.492	ng		97
89) Benzo(a)pyrene	15.40	252	488633	33.787	ng	#	95
90) Dibenzo(a,h)anthracene	16.94	278	445218	37.483	ng		98
91) Benzo(g,h,i)perylene	17.37	276	436845	37.961	ng		95

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

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