Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102891.D
Acq On : 9 Feb 2018 16:21
Operator : SJ/JU
Sample : J1506-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MSD

Manual Integrations APPROVED
Sohil
2/13/2018 4:36:37 AM

Quant Time: Feb 09 22:16:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172783	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	716689	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	295658	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	428866	20.00	ng		0.00
75) Chrysene-d12	14.06	240	306770	20.00	ng		0.01
86) Perylene-d12	15.54	264	307594	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1127410	99.09	ng		0.02
7) Phenol-d6	6.52	99	1357148	99.07	ng		0.01
23) Nitrobenzene-d5	7.45	82	889961	86.14	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	217733	91.50	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1314972	73.80	ng		0.00
78) Terphenyl-d14	13.00	244	936464	72.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	129150	22.982	ng		87
3) Pyridine	3.50	79	446370	28.750	ng		96
4) n-Nitrosodimethylamine	3.45	42	258455	38.908	ng		90
6) Aniline	6.55	93	491563	24.298	ng		96
8) 2-Chlorophenol	6.67	128	414347	35.375	ng		96
9) Benzaldehyde	6.43	77	126200	12.405	ng		95
10) Phenol	6.53	94	577152	39.313	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	426165	34.885	ng		92
12) 1,3-Dichlorobenzene	6.83	146	419330	30.915	ng		98
13) 1,4-Dichlorobenzene	6.90	146	425416	31.486	ng		100
14) 1,2-Dichlorobenzene	7.06	146	394812	31.372	ng		100
15) Benzyl Alcohol	7.03	79	388020	36.841	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	743718	32.048	ng		99
17) 2-Methylphenol	7.13	107	361480	33.457	ng		97
18) Hexachloroethane	7.40	117	143188	30.904	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	297378	32.925	ng		94
20) 3+4-Methylphenols	7.29	107	420255	31.542	ng	#	79
22) Acetophenone	7.29	105	570830	32.548	ng	#	86
24) Nitrobenzene	7.47	77	470740	38.726	ng		97
25) Isophorone	7.70	82	867971	36.486	ng		97
26) 2-Nitrophenol	7.79	139	208810	42.939	ng		98
27) 2,4-Dimethylphenol	7.82	122	392241	39.027	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	545533	38.711	ng		99
29) 2,4-Dichlorophenol	8.03	162	330968	36.224	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	326128	31.553	ng		98
31) Naphthalene	8.19	128	1170833	33.437	ng		100
32) Benzoic acid	7.89	122	66478m	17.275	ng		
33) 4-Chloroaniline	8.24	127	325378	21.570	ng		97
34) Hexachlorobutadiene	8.30	225	162438	30.669	ng		99
35) Caprolactam	8.60	113	114914m	36.216	ng		
36) 4-Chloro-3-methylphenol	8.72	107	369485	35.992	ng		97
37) 2-Methylnaphthalene	8.88	142	761399	33.212	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	283092	35.166	ng		99
40) Hexachlorocyclopentadiene	9.03	237	50974	13.320	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	198066	37.458	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	205919	34.552	ng		97
45) 1,1'-Biphenyl	9.35	154	854467	34.313	ng		98
46) 2-Chloronaphthalene	9.37	162	662242	33.779	ng		97
47) 2-Nitroaniline	9.47	65	264047	43.962	ng		88
48) Acenaphthylene	9.79	152	1017275	33.408	ng		99
49) Dimethylphthalate	9.65	163	905963	39.299	ng		100
50) 2,6-Dinitrotoluene	9.71	165	164810	37.577	ng		93
51) Acenaphthene	9.96	154	593200	32.576	ng		99
52) 3-Nitroaniline	9.87	138	171042	31.694	ng		95
53) 2,4-Dinitrophenol	9.98	184	6935	16.086	ng	#	21
54) Dibenzofuran	10.13	168	867002	33.785	ng		97
55) 4-Nitrophenol	10.04	139	253423	58.293	ng		95
56) 2,4-Dinitrotoluene	10.11	165	204592	35.629	ng	#	87
57) Fluorene	10.47	166	638222	34.181	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	137872	33.379	ng		94
59) Diethylphthalate	10.35	149	765647	33.636	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	284580	34.454	ng		96
61) 4-Nitroaniline	10.49	138	163606	31.850	ng		97
62) Azobenzene	10.63	77	774088	34.041	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	11861	14.828	ng		96
65) n-Nitrosodiphenylamine	10.59	169	563539	37.253	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	163678	36.079	ng		96
67) Hexachlorobenzene	11.02	284	164715	32.912	ng		98
68) Atrazine	11.11	200	167990	37.643	ng		99
69) Pentachlorophenol	11.22	266	148058	50.396	ng		99
70) Phenanthrene	11.45	178	1169286	48.955	ng		99
71) Anthracene	11.49	178	904578	37.236	ng		100
72) Carbazole	11.65	167	785957	33.024	ng		99
73) Di-n-butylphthalate	11.97	149	1059451	36.646	ng		99
74) Fluoranthene	12.63	202	1451665	60.408	ng		98
76) Benzidine	12.75	184	491377	34.851	ng		98
77) Pyrene	12.86	202	1375022	57.160	ng		99
79) Butylbenzylphthalate	13.47	149	427664	37.398	ng		98
80) Benzo(a)anthracene	14.05	228	1058768	54.879	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	261803	36.599	ng		96
82) Chrysene	14.09	228	962868	49.509	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	653874	44.372	ng		99
84) Di-n-octyl phthalate	14.64	149	1050373	47.471	ng		97
85) Indeno(1,2,3-cd)pyrene	17.06	276	672366	41.684	ng		100
87) Benzo(b)fluoranthene	15.12	252	1091707	54.743	ng		97
88) Benzo(k)fluoranthene	15.14	252	782411	41.061	ng		98
89) Benzo(a)pyrene	15.49	252	879001	48.968	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	469972	32.256	ng		98
91) Benzo(g,h,i)perylene	17.52	276	540112	37.873	ng		98

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

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