Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103888.D
Acq On : 23 Mar 2018 18:46
Operator : JU/SJ
Sample : J2009-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1MS

Manual Integrations APPROVED
Sohil
3/26/2018 4:33:17 PM

Quant Time: Mar 24 01:09:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137848	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	546934	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	223674	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	348756	20.00	ng		0.00
75) Chrysene-d12	14.17	240	237634	20.00	ng		0.00
86) Perylene-d12	15.72	264	181561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	999332	110.26	ng		0.02
7) Phenol-d6	6.60	99	1245199	112.30	ng		0.00
23) Nitrobenzene-d5	7.55	82	748229	95.40	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	237628	123.56	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1151005	82.08	ng		0.00
78) Terphenyl-d14	13.10	244	910368	88.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	134077	30.044	ng		89
3) Pyridine	3.66	79	371251	30.245	ng		87
4) n-Nitrosodimethylamine	3.62	42	144818	31.998	ng	#	73
6) Aniline	6.65	93	231696	14.634	ng		95
8) 2-Chlorophenol	6.76	128	355689	37.464	ng		97
9) Benzaldehyde	6.53	77	94957	13.036	ng		97
10) Phenol	6.62	94	454093	38.541	ng		93
11) bis(2-Chloroethyl)ether	6.71	93	340845	35.043	ng		97
12) 1,3-Dichlorobenzene	6.92	146	371271	34.335	ng		98
13) 1,4-Dichlorobenzene	7.00	146	374245	34.443	ng		99
14) 1,2-Dichlorobenzene	7.15	146	345705	34.287	ng		98
15) Benzyl Alcohol	7.12	79	283043	32.946	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	432661	31.275	ng		92
17) 2-Methylphenol	7.22	107	291608	34.491	ng		99
18) Hexachloroethane	7.49	117	92721	24.259	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	226339	31.852	ng		90
20) 3+4-Methylphenols	7.37	107	355909	33.171	ng	#	90
22) Acetophenone	7.39	105	461876	32.859	ng	#	93
24) Nitrobenzene	7.56	77	351982	38.227	ng		94
25) Isophorone	7.79	82	639243	35.209	ng		99
26) 2-Nitrophenol	7.87	139	133444	40.042	ng		91
27) 2,4-Dimethylphenol	7.90	122	311882	40.098	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	420492	38.247	ng		99
29) 2,4-Dichlorophenol	8.12	162	277523	39.219	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	287755	35.060	ng		97
31) Naphthalene	8.29	128	962376	34.833	ng		100
32) Benzoic acid	7.99	122	81387m	21.675	ng		
33) 4-Chloroaniline	8.33	127	127160	10.971	ng		95
34) Hexachlorobutadiene	8.39	225	151918	33.760	ng		99
35) Caprolactam	8.70	113	89827	36.865	ng	#	76
36) 4-Chloro-3-methylphenol	8.81	107	286253	36.694	ng		93
37) 2-Methylnaphthalene	8.97	142	619726	35.371	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	255528	40.044	ng		99
40) Hexachlorocyclopentadiene	9.12	237	26110	7.930	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	177233	43.423	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	177976	38.633	ng		98
45) 1,1'-Biphenyl	9.44	154	703342	37.710	ng		99
46) 2-Chloronaphthalene	9.47	162	548030	36.994	ng		98
47) 2-Nitroaniline	9.56	65	178238	46.278	ng		88
48) Acenaphthylene	9.89	152	820744	35.729	ng		100
49) Dimethylphthalate	9.73	163	743090	43.544	ng		99
50) 2,6-Dinitrotoluene	9.80	165	119677	37.228	ng		95
51) Acenaphthene	10.06	154	471528	34.570	ng		99
52) 3-Nitroaniline	9.97	138	162153	41.542	ng		90
53) 2,4-Dinitrophenol	10.08	184	8874	22.206	ng	#	23
54) Dibenzofuran	10.23	168	703569	36.116	ng		100
55) 4-Nitrophenol	10.13	139	205508	66.660	ng		94
56) 2,4-Dinitrotoluene	10.20	165	142138	35.800	ng	#	95
57) Fluorene	10.57	166	536093	35.464	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	132566	40.611	ng		94
59) Diethylphthalate	10.43	149	605402	35.743	ng		99
60) 4-Chlorophenyl-phenylether	10.56	204	254414	36.826	ng		98
61) 4-Nitroaniline	10.59	138	159679	42.408	ng		95
62) Azobenzene	10.72	77	532296	30.911	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	7815	14.534	ng		87
65) n-Nitrosodiphenylamine	10.68	169	480305	40.460	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	145634	40.671	ng		93
67) Hexachlorobenzene	11.12	284	151668	37.111	ng		91
68) Atrazine	11.20	200	131572	35.829	ng		100
69) Pentachlorophenol	11.32	266	143547	61.094	ng		98
70) Phenanthrene	11.54	178	744873	39.044	ng		99
71) Anthracene	11.59	178	718830	37.098	ng		99
72) Carbazole	11.75	167	659970	35.043	ng		100
73) Di-n-butylphthalate	12.06	149	838807	37.119	ng		99
74) Fluoranthene	12.73	202	769794	39.166	ng		100
76) Benzidine	12.85	184	376597	37.157	ng		98
77) Pyrene	12.97	202	757865	43.426	ng		99
79) Butylbenzylphthalate	13.57	149	322729	41.739	ng		98
80) Benzo(a)anthracene	14.16	228	590850	39.280	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	197306	39.214	ng		99
82) Chrysene	14.20	228	537864	37.511	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	437397	39.598	ng		99
84) Di-n-octyl phthalate	14.76	149	706649	43.974	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	409542	32.705	ng		97
87) Benzo(b)fluoranthene	15.26	252	453823	39.564	ng		99
88) Benzo(k)fluoranthene	15.29	252	419931	38.084	ng		99
89) Benzo(a)pyrene	15.65	252	404914	38.919	ng		96
90) Dibenzo(a,h)anthracene	17.32	278	331079	36.751	ng		99
91) Benzo(g,h,i)perylene	17.79	276	333606	38.065	ng		97

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

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