Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103889.D
Acq On : 23 Mar 2018 19:13
Operator : JU/SJ
Sample : J2009-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Manual Integrations APPROVED
Sohil
3/26/2018 4:33:20 PM

Quant Time: Mar 24 01:12:03 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	140633	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	534049	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	212407	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	326367	20.00	ng		0.00
75) Chrysene-d12	14.17	240	244700	20.00	ng		0.00
86) Perylene-d12	15.71	264	182091	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	957363	103.54	ng		0.02
7) Phenol-d6	6.60	99	1198647	105.96	ng		0.00
23) Nitrobenzene-d5	7.55	82	714226	93.26	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	214208	117.29	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1042102	78.26	ng		0.00
78) Terphenyl-d14	13.10	244	871392	82.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	139639	30.671	ng		89
3) Pyridine	3.66	79	381501	30.465	ng	#	85
4) n-Nitrosodimethylamine	3.62	42	151501	32.812	ng	#	76
6) Aniline	6.65	93	246083	15.235	ng		96
8) 2-Chlorophenol	6.76	128	365706	37.757	ng		97
9) Benzaldehyde	6.53	77	97855	13.167	ng		98
10) Phenol	6.62	94	473803	39.417	ng		94
11) bis(2-Chloroethyl)ether	6.71	93	356403	35.917	ng		95
12) 1,3-Dichlorobenzene	6.92	146	381929	34.621	ng		98
13) 1,4-Dichlorobenzene	7.00	146	384486	34.684	ng		98
14) 1,2-Dichlorobenzene	7.15	146	359308	34.930	ng		98
15) Benzyl Alcohol	7.12	79	295988	33.771	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	447766	31.726	ng		94
17) 2-Methylphenol	7.22	107	299797	34.757	ng		98
18) Hexachloroethane	7.49	117	95349	24.453	ng		95
19) n-Nitroso-di-n-propylamine	7.39	70	235057	32.424	ng		93
20) 3+4-Methylphenols	7.37	107	364507	33.299	ng		91
22) Acetophenone	7.39	105	475367	34.634	ng	#	94
24) Nitrobenzene	7.56	77	360246	40.069	ng		96
25) Isophorone	7.79	82	657381	37.081	ng		99
26) 2-Nitrophenol	7.87	139	133687	40.837	ng		91
27) 2,4-Dimethylphenol	7.90	122	316314	41.649	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	437984	40.799	ng		99
29) 2,4-Dichlorophenol	8.12	162	280436	40.586	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	291476	36.371	ng		98
31) Naphthalene	8.29	128	970548	35.976	ng		100
32) Benzoic acid	7.99	122	99807m	24.687	ng		
33) 4-Chloroaniline	8.33	127	131760	11.642	ng		95
34) Hexachlorobutadiene	8.39	225	156557	35.630	ng		99
35) Caprolactam	8.70	113	90271	37.941	ng	#	76
36) 4-Chloro-3-methylphenol	8.81	107	286794	37.650	ng		94
37) 2-Methylnaphthalene	8.97	142	617689	36.106	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	257356	42.470	ng		99
40) Hexachlorocyclopentadiene	9.12	237	13471	4.308	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	173022	44.640	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	182077	41.620	ng		97
45) 1,1'-Biphenyl	9.44	154	704432	39.772	ng		98
46) 2-Chloronaphthalene	9.47	162	544221	38.686	ng		98
47) 2-Nitroaniline	9.56	65	176263	47.911	ng		88
48) Acenaphthylene	9.89	152	793341	36.368	ng		100
49) Dimethylphthalate	9.73	163	752044	46.407	ng		99
50) 2,6-Dinitrotoluene	9.80	165	117575	38.376	ng		94
51) Acenaphthene	10.06	154	462849	35.733	ng		99
52) 3-Nitroaniline	9.97	138	157716	42.456	ng		96
53) 2,4-Dinitrophenol	10.08	184	3405	13.791	ng	#	26
54) Dibenzofuran	10.23	168	693357	37.480	ng		100
55) 4-Nitrophenol	10.13	139	200953	68.493	ng		93
56) 2,4-Dinitrotoluene	10.20	165	133676	35.515	ng		94
57) Fluorene	10.57	166	518413	36.114	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	129482	41.770	ng		94
59) Diethylphthalate	10.43	149	609508	37.894	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	251203	38.290	ng		97
61) 4-Nitroaniline	10.59	138	158411	44.136	ng		94
62) Azobenzene	10.72	77	524395	32.068	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	3241	11.041	ng		89
65) n-Nitrosodiphenylamine	10.67	169	473493	42.623	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	141021	42.084	ng		90
67) Hexachlorobenzene	11.12	284	149890	39.191	ng		92
68) Atrazine	11.20	200	128287	37.331	ng		99
69) Pentachlorophenol	11.32	266	142743	64.919	ng		95
70) Phenanthrene	11.54	178	749850	42.001	ng		99
71) Anthracene	11.59	178	711663	39.248	ng		100
72) Carbazole	11.75	167	660964	37.504	ng		99
73) Di-n-butylphthalate	12.06	149	844046	39.914	ng		99
74) Fluoranthene	12.73	202	823933	44.797	ng		99
76) Benzidine	12.85	184	374638	35.897	ng		98
77) Pyrene	12.97	202	819600	45.608	ng		98
79) Butylbenzylphthalate	13.57	149	336449	42.257	ng		99
80) Benzo(a)anthracene	14.16	228	620779	40.078	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	209068	40.352	ng		98
82) Chrysene	14.20	228	582202	39.430	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	459766	40.422	ng		100
84) Di-n-octyl phthalate	14.75	149	749430	45.290	ng		96
85) Indeno(1,2,3-cd)pyrene	17.30	276	433851	33.646	ng		97
87) Benzo(b)fluoranthene	15.25	252	498599	43.341	ng		97
88) Benzo(k)fluoranthene	15.29	252	429213	38.813	ng		99
89) Benzo(a)pyrene	15.65	252	433834	41.578	ng		100
90) Dibenzo(a,h)anthracene	17.32	278	348640	38.588	ng		98
91) Benzo(g,h,i)perylene	17.79	276	351001	39.933	ng		97

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

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