Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103989.D
Acq On : 27 Mar 2018 23:51
Operator : JU/SJ
Sample : J2075-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Manual Integrations APPROVED
Sohil
3/28/2018 4:54:45 PM

Quant Time: Mar 28 06:51:39 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	136055	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	544304	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	240587	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	377089	20.00	ng		0.00
75) Chrysene-d12	14.16	240	247435	20.00	ng		0.00
86) Perylene-d12	15.70	264	220078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1040077	116.27	ng		0.02
7) Phenol-d6	6.62	99	1233734	112.73	ng		0.02
23) Nitrobenzene-d5	7.54	82	740105	94.82	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	269740	130.40	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1287809	85.38	ng		0.00
78) Terphenyl-d14	13.09	244	987342	92.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	117131	26.593	ng	#	88
3) Pyridine	3.68	79	307962m	25.420	ng		
4) n-Nitrosodimethylamine	3.63	42	127929m	28.639	ng		
6) Aniline	6.65	93	388131	24.838	ng		95
8) 2-Chlorophenol	6.76	128	347478	37.082	ng		96
9) Benzaldehyde	6.53	77	73405	10.210	ng		95
10) Phenol	6.63	94	444064	38.186	ng		97
11) bis(2-Chloroethyl)ether	6.71	93	342657	35.694	ng		92
12) 1,3-Dichlorobenzene	6.92	146	364386	34.142	ng		98
13) 1,4-Dichlorobenzene	6.99	146	374869	34.955	ng		99
14) 1,2-Dichlorobenzene	7.15	146	344463	34.614	ng		98
15) Benzyl Alcohol	7.12	79	274286	32.348	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	399035	29.225	ng		73
17) 2-Methylphenol	7.23	107	283927	34.025	ng		95
18) Hexachloroethane	7.48	117	104926	27.814	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	222836	31.772	ng		92
20) 3+4-Methylphenols	7.37	107	351230	33.166	ng	#	80
22) Acetophenone	7.39	105	457636	32.714	ng		96
24) Nitrobenzene	7.56	77	336820	36.757	ng		96
25) Isophorone	7.79	82	631359	34.942	ng		99
26) 2-Nitrophenol	7.87	139	139993	41.699	ng		96
27) 2,4-Dimethylphenol	7.90	122	314188	40.590	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	415728	37.997	ng		99
29) 2,4-Dichlorophenol	8.12	162	289146	41.059	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	293351	35.915	ng		98
31) Naphthalene	8.28	128	1008259	36.670	ng		100
32) Benzoic acid	7.99	122	63799m	19.176	ng		
33) 4-Chloroaniline	8.33	127	312664	27.105	ng		97
34) Hexachlorobutadiene	8.39	225	154357	34.468	ng		99
35) Caprolactam	8.69	113	88937	36.676	ng	#	78
36) 4-Chloro-3-methylphenol	8.81	107	299991	38.641	ng		97
37) 2-Methylnaphthalene	8.97	142	654186	37.518	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	268498	39.119	ng		98
40) Hexachlorocyclopentadiene	9.11	237	38907	10.985	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	181950	41.445	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	194642	39.281	ng		94
45) 1,1'-Biphenyl	9.43	154	763676	38.067	ng		99
46) 2-Chloronaphthalene	9.46	162	579670	36.379	ng		98
47) 2-Nitroaniline	9.56	65	188853	45.689	ng		94
48) Acenaphthylene	9.88	152	961022	38.894	ng		100
49) Dimethylphthalate	9.73	163	825534	44.975	ng		100
50) 2,6-Dinitrotoluene	9.80	165	138357	39.715	ng		92
51) Acenaphthene	10.05	154	520734	35.493	ng		99
52) 3-Nitroaniline	9.97	138	170842	40.770	ng		98
53) 2,4-Dinitrophenol	10.08	184	6509	17.983	ng	#	46
54) Dibenzofuran	10.22	168	775809	37.025	ng		100
55) 4-Nitrophenol	10.14	139	208972	63.290	ng		93
56) 2,4-Dinitrotoluene	10.20	165	174345	39.953	ng	#	93
57) Fluorene	10.57	166	676551	41.609	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	142508	40.588	ng		92
59) Diethylphthalate	10.43	149	663876	36.440	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	280575	37.758	ng		97
61) 4-Nitroaniline	10.59	138	170754	42.184	ng		94
62) Azobenzene	10.72	77	577022	31.153	ng		90
64) 4,6-Dinitro-2-methylphenol	10.62	198	6880	13.390	ng		92
65) n-Nitrosodiphenylamine	10.67	169	532678	41.501	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	165490	42.743	ng		89
67) Hexachlorobenzene	11.12	284	171234	38.750	ng	#	87
68) Atrazine	11.20	200	147875	37.243	ng		99
69) Pentachlorophenol	11.31	266	149528	58.857	ng		97
70) Phenanthrene	11.53	178	1115572	54.081	ng		99
71) Anthracene	11.59	178	876740	41.848	ng		99
72) Carbazole	11.75	167	712110	34.971	ng		99
73) Di-n-butylphthalate	12.05	149	946864	38.753	ng		99
74) Fluoranthene	12.73	202	974441	45.854	ng		99
76) Benzidine	12.85	184	433711	41.098	ng		98
77) Pyrene	12.96	202	1048140	57.681	ng		100
79) Butylbenzylphthalate	13.56	149	343313	42.643	ng		91
80) Benzo(a)anthracene	14.15	228	745114	47.573	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	203134	38.773	ng		97
82) Chrysene	14.19	228	702653	47.062	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	447645	38.921	ng		98
84) Di-n-octyl phthalate	14.74	149	753749	45.047	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	516209	39.591	ng		96
87) Benzo(b)fluoranthene	15.25	252	645911	46.455	ng		99
88) Benzo(k)fluoranthene	15.28	252	547500	40.964	ng		98
89) Benzo(a)pyrene	15.64	252	598043	47.422	ng		99
90) Dibenzo(a,h)anthracene	17.31	278	403290	36.932	ng		98
91) Benzo(g,h,i)perylene	17.79	276	425451	40.049	ng		96

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

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