Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103779.D
Acq On : 20 Mar 2018 1:52
Operator : JU/SJ
Sample : J1971-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MSD

Manual Integrations APPROVED
Sohil
3/20/2018 6:27:43 PM

Quant Time: Mar 20 03:06:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150120	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	599198	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	259446	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	423139	20.00	ng		0.01
75) Chrysene-d12	14.16	240	302788	20.00	ng		0.01
86) Perylene-d12	15.70	264	275136	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	925458	93.77	ng		0.02
7) Phenol-d6	6.60	99	1142638	94.63	ng		0.01
23) Nitrobenzene-d5	7.53	82	691593	80.49	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	246716	110.60	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1132414	69.62	ng		0.00
78) Terphenyl-d14	13.09	244	974066	74.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	134143	27.602	ng		89
3) Pyridine	3.65	79	373765	27.961	ng	#	86
4) n-Nitrosodimethylamine	3.60	42	146122	29.647	ng		80
6) Aniline	6.64	93	341422	19.801	ng		95
8) 2-Chlorophenol	6.76	128	354245	34.262	ng		96
9) Benzaldehyde	6.52	77	116911	14.737	ng		100
10) Phenol	6.61	94	483634	37.692	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	336296	31.749	ng		96
12) 1,3-Dichlorobenzene	6.92	146	363707	30.886	ng		99
13) 1,4-Dichlorobenzene	6.99	146	372015	31.439	ng		99
14) 1,2-Dichlorobenzene	7.15	146	348373	31.727	ng		99
15) Benzyl Alcohol	7.11	79	297767	31.827	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	449228	29.818	ng		94
17) 2-Methylphenol	7.22	107	295457	32.089	ng		98
18) Hexachloroethane	7.49	117	114485	27.505	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	230024	29.725	ng		93
20) 3+4-Methylphenols	7.37	107	364937	31.232	ng		92
22) Acetophenone	7.38	105	465865	30.252	ng	#	93
24) Nitrobenzene	7.56	77	361933	35.879	ng		95
25) Isophorone	7.79	82	655658	32.963	ng		99
26) 2-Nitrophenol	7.87	139	166461	44.283	ng		93
27) 2,4-Dimethylphenol	7.90	122	311556	36.562	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	424957	35.282	ng		99
29) 2,4-Dichlorophenol	8.11	162	284821	36.739	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	291228	32.388	ng		98
31) Naphthalene	8.28	128	967978	31.980	ng		100
32) Benzoic acid	7.96	122	26145	13.356	ng		98
33) 4-Chloroaniline	8.32	127	178572	14.062	ng		93
34) Hexachlorobutadiene	8.39	225	153440	31.124	ng		98
35) Caprolactam	8.68	113	94625m	35.446	ng		
36) 4-Chloro-3-methylphenol	8.80	107	296864	34.735	ng		97
37) 2-Methylnaphthalene	8.97	142	630245	32.834	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	258394	34.910	ng		98
40) Hexachlorocyclopentadiene	9.12	237	101772	26.647	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	185315	39.143	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	196231	36.723	ng		94
45) 1,1'-Biphenyl	9.43	154	719420	33.254	ng		98
46) 2-Chloronaphthalene	9.46	162	571888	33.282	ng		97
47) 2-Nitroaniline	9.55	65	177318	40.661	ng		97
48) Acenaphthylene	9.88	152	855999	32.126	ng		99
49) Dimethylphthalate	9.73	163	795923	40.210	ng		100
50) 2,6-Dinitrotoluene	9.79	165	146423	39.049	ng		97
51) Acenaphthene	10.05	154	516194	32.626	ng		100
52) 3-Nitroaniline	9.96	138	130388	29.969	ng		97
53) 2,4-Dinitrophenol	10.07	184	36813	46.505	ng	#	19
54) Dibenzofuran	10.22	168	748668	33.132	ng		99
55) 4-Nitrophenol	10.12	139	256120	71.253	ng		95
56) 2,4-Dinitrotoluene	10.20	165	186783	39.733	ng		90
57) Fluorene	10.56	166	567469	32.364	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	148547	39.232	ng		94
59) Diethylphthalate	10.43	149	649999	33.085	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	268626	33.522	ng		99
61) 4-Nitroaniline	10.58	138	144232	33.854	ng		91
62) Azobenzene	10.72	77	593055	29.691	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	34514	29.052	ng		91
65) n-Nitrosodiphenylamine	10.67	169	520423	36.133	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	158973	36.592	ng		92
67) Hexachlorobenzene	11.12	284	170109	34.306	ng	#	88
68) Atrazine	11.20	200	158666	35.612	ng		97
69) Pentachlorophenol	11.31	266	176901	62.054	ng		97
70) Phenanthrene	11.53	178	773644	33.424	ng		99
71) Anthracene	11.59	178	801430	34.090	ng		99
72) Carbazole	11.74	167	750818	32.859	ng		99
73) Di-n-butylphthalate	12.06	149	950008	34.650	ng		99
74) Fluoranthene	12.73	202	755312	31.674	ng		97
76) Benzidine	12.85	184	442285	34.248	ng		98
77) Pyrene	12.96	202	742306	33.382	ng		99
79) Butylbenzylphthalate	13.56	149	369195	37.474	ng		99
80) Benzo(a)anthracene	14.15	228	628697	32.802	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	230748	35.992	ng	#	97
82) Chrysene	14.19	228	594537	32.541	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	514818	36.578	ng		99
84) Di-n-octyl phthalate	14.74	149	843910	41.215	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	552135	34.605	ng		98
87) Benzo(b)fluoranthene	15.24	252	600768	34.562	ng		98
88) Benzo(k)fluoranthene	15.27	252	508232	30.416	ng		99
89) Benzo(a)pyrene	15.63	252	527445	33.455	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	469797	34.413	ng		98
91) Benzo(g,h,i)perylene	17.75	276	446577	33.625	ng		98

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

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