Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129538.D
Acq On : 03 Aug 2022 13:47
Operator : CG\JU
Sample : N3998-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

Quant Time: Aug 03 16:38:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	145942	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	589838	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	313656	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	544203	20.000	ng		0.00
76) Chrysene-d12	14.051	240	330942	20.000	ng		0.00
86) Perylene-d12	15.533	264	327522	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	955646	106.669	ng		0.00
7) Phenol-d6	6.516	99	1227818	109.033	ng		0.00
23) Nitrobenzene-d5	7.439	82	777521	71.958	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	355753	117.972	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1477499	72.870	ng		0.00
79) Terphenyl-d14	12.986	244	1617605	92.214	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	163334	40.407	ng		91
3) Pyridine	3.457	79	435347	38.783	ng		92
4) n-Nitrosodimethylamine	3.404	42	224922	45.630	ng		92
6) Aniline	6.539	93	524847	37.491	ng		93
8) 2-Chlorophenol	6.663	128	498638	50.944	ng		96
9) Benzaldehyde	6.422	77	343310	44.893	ng		97
10) Phenol	6.534	94	600273m	50.057	ng		
11) bis(2-Chloroethyl)ether	6.604	93	484019	50.894	ng		93
12) 1,3-Dichlorobenzene	6.810	146	513999	48.964	ng		99
13) 1,4-Dichlorobenzene	6.886	146	520998	48.801	ng		99
14) 1,2-Dichlorobenzene	7.039	146	495337	50.477	ng		98
15) Benzyl Alcohol	7.016	79	431036	52.777	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	658908	46.092	ng		70
17) 2-Methylphenol	7.134	107	392533	48.342	ng	#	93
18) Hexachloroethane	7.381	117	199217	49.557	ng		92
19) n-Nitroso-di-n-propyla...	7.286	70	341430	50.083	ng		92
20) 3+4-Methylphenols	7.286	107	487027	47.173	ng		92
22) Acetophenone	7.281	105	678757	49.427	ng		98
24) Nitrobenzene	7.457	77	512619	46.071	ng		95
25) Isophorone	7.692	82	947998	48.946	ng		99
26) 2-Nitrophenol	7.769	139	268298	48.878	ng		98
27) 2,4-Dimethylphenol	7.810	122	454654m	55.218	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	589790	52.493	ng		100
29) 2,4-Dichlorophenol	8.022	162	410903	48.351	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	408295	46.416	ng		97
31) Naphthalene	8.175	128	1399768	46.710	ng		100
32) Benzoic acid	7.945	122	244629	41.097	ng		98
33) 4-Chloroaniline	8.228	127	306769	24.934	ng		96
34) Hexachlorobutadiene	8.286	225	247630	49.524	ng		98
35) Caprolactam	8.604	113	139509m	50.493	ng		
36) 4-Chloro-3-methylphenol	8.722	107	446743	49.564	ng		96
37) 2-Methylnaphthalene	8.869	142	927309	47.617	ng		100
38) 1-Methylnaphthalene	8.969	142	885744	47.115	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	409408	49.710	ng		97
41) Hexachlorocyclopentadiene	9.016	237	435067	118.631	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	282211	47.178	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	307468	47.265	ng		95
46)	1,1'-Biphenyl	9.333	154	1128405	49.296	ng		99
47)	2-Chloronaphthalene	9.357	162	885789	47.868	ng		100
48)	2-Nitroaniline	9.463	65	284579	46.248	ng		86
49)	Acenaphthylene	9.775	152	1345536	47.853	ng		100
50)	Dimethylphthalate	9.633	163	1056809	48.807	ng		99
51)	2,6-Dinitrotoluene	9.704	165	239387	49.396	ng		91
52)	Acenaphthene	9.945	154	953180m	51.902	ng		
53)	3-Nitroaniline	9.875	138	154758	27.043	ng	#	89
54)	2,4-Dinitrophenol	9.986	184	236596	95.632	ng		89
55)	Dibenzofuran	10.122	168	1225259	48.397	ng		96
56)	4-Nitrophenol	10.057	139	363509	86.100	ng		96
57)	2,4-Dinitrotoluene	10.110	165	316326	49.965	ng		96
58)	Fluorene	10.463	166	987511	48.751	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	235751	46.896	ng		94
60)	Diethylphthalate	10.333	149	1031249	49.268	ng		100
61)	4-Chlorophenyl-phenyle...	10.451	204	452375	50.657	ng		90
62)	4-Nitroaniline	10.492	138	254903	44.901	ng		97
63)	Azobenzene	10.616	77	1012131	47.408	ng		94
65)	4,6-Dinitro-2-methylph...	10.522	198	158371	46.107	ng		84
66)	n-Nitrosodiphenylamine	10.574	169	872380	48.136	ng		96
67)	4-Bromophenyl-phenylether	10.945	248	297164	49.866	ng		97
68)	Hexachlorobenzene	11.010	284	318789	49.371	ng		97
69)	Atrazine	11.104	200	291414	52.938	ng		96
70)	Pentachlorophenol	11.216	266	284794	81.133	ng		99
71)	Phenanthrene	11.427	178	1391767	46.850	ng		99
72)	Anthracene	11.480	178	1433247	49.096	ng		99
73)	Carbazole	11.639	167	1319719	48.024	ng		99
74)	Di-n-butylphthalate	11.957	149	1652317	50.489	ng		99
75)	Fluoranthene	12.621	202	1401624	46.566	ng		100
77)	Benzidine	12.745	184	638819	54.640	ng		99
78)	Pyrene	12.851	202	1394789	50.400	ng		99
80)	Butylbenzylphthalate	13.457	149	623312	51.927	ng		97
81)	Benzo(a)anthracene	14.039	228	1046700	46.301	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	290372	38.903	ng	#	98
83)	Chrysene	14.074	228	967079	45.390	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.010	149	853356	53.999	ng		99
85)	Di-n-octyl phthalate	14.621	149	1213572	53.365	ng		96
87)	Indeno(1,2,3-cd)pyrene	17.045	276	1138158	51.604	ng		99
88)	Benzo(b)fluoranthene	15.098	252	1003220	46.177	ng		99
89)	Benzo(k)fluoranthene	15.127	252	970476	45.583	ng		99
90)	Benzo(a)pyrene	15.474	252	888512	50.380	ng		98
91)	Dibenzo(a,h)anthracene	17.062	278	981320	54.666	ng		99
92)	Benzo(g,h,i)perylene	17.503	276	995392	54.265	ng		99

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

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