Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
Data File : BF129357.D
Acq On : 26 Jul 2022 16:05
Operator : CG\JU
Sample : N3839-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

Quant Time: Jul 27 00:39:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	215560	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	859613	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	451457	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	685539	20.000	ng	#	0.00
76) Chrysene-d12	14.063	240	357078	20.000	ng		0.00
86) Perylene-d12	15.551	264	435165	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1300365	98.269	ng		0.01
7) Phenol-d6	6.516	99	1711988	102.929	ng		0.00
23) Nitrobenzene-d5	7.451	82	1010380	64.163	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	423017	97.460	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1737187	59.526	ng		0.00
79) Terphenyl-d14	12.998	244	1315165	69.485	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	255035	42.717	ng		90
3) Pyridine	3.493	79	688917	41.551	ng		90
4) n-Nitrosodimethylamine	3.446	42	338584	46.505	ng		91
6) Aniline	6.551	93	685271	33.141	ng		99
8) 2-Chlorophenol	6.669	128	709049	49.046	ng		97
9) Benzaldehyde	6.434	77	355306	31.456	ng		96
10) Phenol	6.528	94	817035m	46.128	ng		
11) bis(2-Chloroethyl)ether	6.616	93	672798	47.897	ng		95
12) 1,3-Dichlorobenzene	6.822	146	725443	46.787	ng		99
13) 1,4-Dichlorobenzene	6.904	146	732604	46.459	ng		99
14) 1,2-Dichlorobenzene	7.051	146	704815	48.627	ng		98
15) Benzyl Alcohol	7.028	79	581321	48.191	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1014585	48.051	ng		93
17) 2-Methylphenol	7.134	107	553751	46.171	ng		99
18) Hexachloroethane	7.398	117	283285	47.710	ng		94
19) n-Nitroso-di-n-propyla...	7.298	70	465054	46.185	ng		92
20) 3+4-Methylphenols	7.287	107	663818	43.531	ng		93
22) Acetophenone	7.293	105	920007	45.969	ng	#	94
24) Nitrobenzene	7.469	77	731555	45.114	ng		96
25) Isophorone	7.704	82	1336570	47.351	ng		98
26) 2-Nitrophenol	7.787	139	380894	47.614	ng		90
27) 2,4-Dimethylphenol	7.816	122	605682m	50.475	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	826926	50.501	ng		99
29) 2,4-Dichlorophenol	8.028	162	567961	45.858	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	566921	44.222	ng		97
31) Naphthalene	8.192	128	1933953	44.282	ng		100
32) Benzoic acid	7.940	122	374809	43.206	ng		97
33) 4-Chloroaniline	8.234	127	263674	14.705	ng		97
34) Hexachlorobutadiene	8.304	225	334018	45.836	ng		99
35) Caprolactam	8.616	113	181713m	45.128	ng		
36) 4-Chloro-3-methylphenol	8.722	107	614080	46.748	ng		95
37) 2-Methylnaphthalene	8.881	142	1275741	44.950	ng		99
38) 1-Methylnaphthalene	8.981	142	1207689	44.079	ng		97
40) 1,2,4,5-Tetrachloroben...	9.051	216	539455	45.507	ng	#	98
41) Hexachlorocyclopentadiene	9.034	237	617606	117.002	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	386684	44.912	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	410122	43.802	ng		95
46) 1,1'-Biphenyl	9.345	154	1506816	45.734	ng		99
47) 2-Chloronaphthalene	9.375	162	1189050	44.643	ng		98
48) 2-Nitroaniline	9.469	65	386174	43.603	ng		94
49) Acenaphthylene	9.792	152	1792360	44.287	ng		100
50) Dimethylphthalate	9.651	163	1388778	44.561	ng		99
51) 2,6-Dinitrotoluene	9.710	165	313942	45.007	ng		92
52) Acenaphthene	9.963	154	1248398m	47.228	ng		
53) 3-Nitroaniline	9.881	138	186015	22.583	ng	#	94
54) 2,4-Dinitrophenol	9.992	184	291499	81.860	ng	#	87
55) Dibenzofuran	10.133	168	1613317	44.274	ng		97
56) 4-Nitrophenol	10.045	139	493172	81.157	ng		96
57) 2,4-Dinitrotoluene	10.116	165	408394	44.817	ng		97
58) Fluorene	10.481	166	1243162	42.639	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	298360	41.234	ng		91
60) Diethylphthalate	10.345	149	1318531	43.765	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	569328	44.293	ng		93
62) 4-Nitroaniline	10.498	138	302244	36.989	ng		96
63) Azobenzene	10.628	77	1315918	42.824	ng		94
65) 4,6-Dinitro-2-methylph...	10.528	198	190633	44.057	ng		86
66) n-Nitrosodiphenylamine	10.586	169	1080740	47.338	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	362320	48.265	ng		93
68) Hexachlorobenzene	11.028	284	381421	46.893	ng		96
69) Atrazine	11.116	200	335600	48.396	ng		99
70) Pentachlorophenol	11.222	266	368589	83.356	ng		99
71) Phenanthrene	11.445	178	1651994	44.145	ng		99
72) Anthracene	11.492	178	1670637	45.429	ng		100
73) Carbazole	11.651	167	1461084	42.206	ng		99
74) Di-n-butylphthalate	11.975	149	1859539	45.106	ng		99
75) Fluoranthene	12.633	202	1489183	39.275	ng		99
77) Benzidine	12.751	184	421690	33.429	ng		99
78) Pyrene	12.863	202	1444104	48.363	ng		98
80) Butylbenzylphthalate	13.474	149	606940	46.862	ng		96
81) Benzo(a)anthracene	14.051	228	1099053	45.058	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	312784	38.838	ng	#	98
83) Chrysene	14.086	228	1037692	45.140	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	819416	48.056	ng		99
85) Di-n-octyl phthalate	14.645	149	1265101	51.559	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1506497	51.408	ng		99
88) Benzo(b)fluoranthene	15.116	252	1242379	43.040	ng		99
89) Benzo(k)fluoranthene	15.145	252	1156799	40.894	ng		98
90) Benzo(a)pyrene	15.492	252	1122085	47.886	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	1282834	53.785	ng		98
92) Benzo(g,h,i)perylene	17.533	276	1329646	54.556	ng		99

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

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