Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131699.D
Acq On : 19 Dec 2022 20:41
Operator : CG\JU
Sample : N6065-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-23MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/20/2022
Supervised By :Jagrut Upadhyay 12/20/2022

Quant Time: Dec 20 01:06:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 00:23:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	71699	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	251510	20.000	ng		# 0.00
39) Acenaphthene-d10	9.928	164	133024	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	211527	20.000	ng		0.00
76) Chrysene-d12	14.074	240	140450	20.000	ng		# 0.00
86) Perylene-d12	15.568	264	170190	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	501788	116.756	ng		0.01
7) Phenol-d6	6.510	99	654132	116.147	ng		0.00
23) Nitrobenzene-d5	7.445	82	445736	67.003	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	151189	102.297	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	734960	69.664	ng		0.00
79) Terphenyl-d14	13.010	244	576138	56.256	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	85648	44.151	ng		98
3) Pyridine	3.422	79	233878	43.424	ng		96
4) n-Nitrosodimethylamine	3.393	42	117316	39.496	ng		84
6) Aniline	6.540	93	221193	32.840	ng		97
8) 2-Chlorophenol	6.657	128	211444	46.425	ng		99
9) Benzaldehyde	6.428	77	178736	46.327	ng		95
10) Phenol	6.522	94	299823m	47.727	ng		
11) bis(2-Chloroethyl)ether	6.610	93	231327	49.124	ng		98
12) 1,3-Dichlorobenzene	6.816	146	237168	44.914	ng		95
13) 1,4-Dichlorobenzene	6.892	146	240335	45.123	ng		99
14) 1,2-Dichlorobenzene	7.045	146	230701	45.342	ng		97
15) Benzyl Alcohol	7.022	79	229918	44.530	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	284739	46.810	ng		100
17) 2-Methylphenol	7.134	107	188343	45.885	ng		96
18) Hexachloroethane	7.387	117	97021	45.156	ng		90
19) n-Nitroso-di-n-propyla...	7.292	70	183158	43.371	ng		96
20) 3+4-Methylphenols	7.287	107	239511	42.840	ng	#	80
22) Acetophenone	7.287	105	349488	44.342	ng		95
24) Nitrobenzene	7.463	77	282743	42.140	ng		95
25) Isophorone	7.704	82	497780	46.454	ng		99
26) 2-Nitrophenol	7.781	139	114351	49.976	ng		90
27) 2,4-Dimethylphenol	7.816	122	187086	53.345	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	279754	50.467	ng		99
29) 2,4-Dichlorophenol	8.022	162	188653	43.505	ng		96
30) 1,2,4-Trichlorobenzene	8.104	180	226109	42.518	ng		99
31) Naphthalene	8.187	128	611059	43.136	ng		100
32) Benzoic acid	7.934	122	97113	38.235	ng		97
33) 4-Chloroaniline	8.234	127	60118	11.322	ng		98
34) Hexachlorobutadiene	8.298	225	151810	40.505	ng		99
35) Caprolactam	8.616	113	50030m	44.600	ng		
36) 4-Chloro-3-methylphenol	8.728	107	208577	42.834	ng		98
37) 2-Methylnaphthalene	8.881	142	405203	41.826	ng		100
38) 1-Methylnaphthalene	8.981	142	376393	40.473	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	234792	47.681	ng		99
41) Hexachlorocyclopentadiene	9.034	237	211514	84.625	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	139767	45.888	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	142667	43.555	ng		97
46) 1,1'-Biphenyl	9.351	154	503388	47.862	ng		98
47) 2-Chloronaphthalene	9.375	162	398343	46.486	ng		99
48) 2-Nitroaniline	9.475	65	133837	44.090	ng		88
49) Acenaphthylene	9.792	152	572027	45.464	ng		99
50) Dimethylphthalate	9.651	163	461282	45.488	ng		99
51) 2,6-Dinitrotoluene	9.716	165	97910	46.769	ng	#	81
52) Acenaphthene	9.963	154	385979m	45.793	ng		
53) 3-Nitroaniline	9.881	138	45993	22.898	ng		94
54) 2,4-Dinitrophenol	9.992	184	64615	55.252	ng		91
55) Dibenzofuran	10.133	168	522714	43.890	ng		99
56) 4-Nitrophenol	10.051	139	113331	81.219	ng	#	74
57) 2,4-Dinitrotoluene	10.122	165	129345	46.576	ng	#	84
58) Fluorene	10.480	166	402270	41.549	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	106648m	38.449	ng		
60) Diethylphthalate	10.351	149	422425	43.409	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	226970	42.421	ng		99
62) 4-Nitroaniline	10.504	138	76240	38.303	ng	#	84
63) Azobenzene	10.633	77	458529	41.312	ng		95
65) 4,6-Dinitro-2-methylph...	10.528	198	50128	37.416	ng		84
66) n-Nitrosodiphenylamine	10.592	169	337202	49.309	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	126486	46.483	ng		99
68) Hexachlorobenzene	11.022	284	131723	44.753	ng	#	86
69) Atrazine	11.122	200	117843	54.265	ng		96
70) Pentachlorophenol	11.222	266	121362	80.093	ng		97
71) Phenanthrene	11.445	178	509580	43.220	ng		99
72) Anthracene	11.498	178	522050	45.511	ng		100
73) Carbazole	11.657	167	415060	44.330	ng		99
74) Di-n-butylphthalate	11.980	149	536457	46.702	ng		100
75) Fluoranthene	12.639	202	489637	40.330	ng		99
77) Benzidine	12.763	184	232250	61.716	ng		98
78) Pyrene	12.869	202	494018	35.671	ng		100
80) Butylbenzylphthalate	13.486	149	183951	45.898	ng		98
81) Benzo(a)anthracene	14.063	228	464908	45.837	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	83473	28.926	ng		97
83) Chrysene	14.098	228	447505	46.409	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	252497	46.356	ng		99
85) Di-n-octyl phthalate	14.668	149	459042	50.949	ng		98
87) Indeno(1,2,3-cd)pyrene	17.092	276	543125	39.104	ng		98
88) Benzo(b)fluoranthene	15.133	252	498914	44.479	ng		99
89) Benzo(k)fluoranthene	15.163	252	500715	42.768	ng		99
90) Benzo(a)pyrene	15.510	252	451798	47.197	ng		99
91) Dibenzo(a,h)anthracene	17.109	278	458731	40.130	ng		99
92) Benzo(g,h,i)perylene	17.556	276	426356	37.111	ng		97

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

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