Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131921.D
Acq On : 05 Jan 2023 18:28
Operator : CG\JU
Sample : N6244-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 06 03:12:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 03:02:38 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	66280	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	237387	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	140121	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	269036	20.000	ng		0.00
76) Chrysene-d12	14.004	240	135455	20.000	ng		0.00
86) Perylene-d12	15.480	264	132289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	339637	84.921	ng		0.01
7) Phenol-d6	6.440	99	443483	84.400	ng		0.00
23) Nitrobenzene-d5	7.375	82	305833	51.437	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	123954	81.419	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	516708	50.510	ng		0.00
79) Terphenyl-d14	12.939	244	549432	68.611	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	78217	42.173	ng		98
3) Pyridine	3.293	79	212088	40.677	ng		98
4) n-Nitrosodimethylamine	3.263	42	106999	43.645	ng		99
6) Aniline	6.463	93	150003	23.539	ng	#	86
8) 2-Chlorophenol	6.587	128	188045	44.627	ng		95
9) Benzaldehyde	6.351	77	122959	36.469	ng		99
10) Phenol	6.451	94	270381	43.209	ng		98
11) bis(2-Chloroethyl)ether	6.540	93	198221	44.298	ng		99
12) 1,3-Dichlorobenzene	6.740	146	211692	43.963	ng		98
13) 1,4-Dichlorobenzene	6.822	146	214785	44.260	ng		96
14) 1,2-Dichlorobenzene	6.969	146	204171	44.775	ng		96
15) Benzyl Alcohol	6.951	79	209180	45.396	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	251270	44.002	ng		97
17) 2-Methylphenol	7.069	107	171086	44.413	ng		97
18) Hexachloroethane	7.316	117	86469	44.126	ng		92
19) n-Nitroso-di-n-propyla...	7.222	70	163710	44.115	ng		100
20) 3+4-Methylphenols	7.222	107	219762	43.723	ng		98
22) Acetophenone	7.216	105	310610	44.631	ng		98
24) Nitrobenzene	7.393	77	256528	43.051	ng		99
25) Isophorone	7.634	82	452459	46.598	ng		99
26) 2-Nitrophenol	7.710	139	103496	44.673	ng		95
27) 2,4-Dimethylphenol	7.751	122	171324	51.842	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	252943	48.557	ng		99
29) 2,4-Dichlorophenol	7.957	162	175402	44.055	ng		98
30) 1,2,4-Trichlorobenzene	8.034	180	203155	43.036	ng		98
31) Naphthalene	8.116	128	552544	42.502	ng		99
32) Benzoic acid	7.887	122	103439	42.824	ng		98
33) 4-Chloroaniline	8.169	127	60690	12.166	ng		97
34) Hexachlorobutadiene	8.228	225	134219	41.559	ng		98
35) Caprolactam	8.551	113	53417m	45.314	ng		
36) 4-Chloro-3-methylphenol	8.663	107	203774	45.285	ng		96
37) 2-Methylnaphthalene	8.810	142	373573	42.815	ng		99
38) 1-Methylnaphthalene	8.910	142	348320	41.099	ng		100
40) 1,2,4,5-Tetrachloroben...	8.975	216	217606	44.229	ng		99
41) Hexachlorocyclopentadiene	8.957	237	206022	92.563	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	136685	43.377	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.134	196	143466	42.118	ng		98
46)	1,1'-Biphenyl	9.281	154	478927	44.644	ng		98
47)	2-Chloronaphthalene	9.304	162	382136	43.057	ng		99
48)	2-Nitroaniline	9.404	65	141380	43.460	ng		92
49)	Acenaphthylene	9.722	152	573224	43.376	ng		99
50)	Dimethylphthalate	9.586	163	465077	43.873	ng		100
51)	2,6-Dinitrotoluene	9.651	165	98990	43.137	ng		98
52)	Acenaphthene	9.892	154	340211	42.655	ng		99
53)	3-Nitroaniline	9.816	138	46781	20.007	ng		99
54)	2,4-Dinitrophenol	9.934	184	108972	82.518	ng		96
55)	Dibenzofuran	10.069	168	534430	43.491	ng		99
56)	4-Nitrophenol	9.998	139	135962	83.006	ng		90
57)	2,4-Dinitrotoluene	10.057	165	136703	43.559	ng	#	87
58)	Fluorene	10.410	166	425620	42.427	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.186	232	118947m	42.553	ng		
60)	Diethylphthalate	10.286	149	445500	43.665	ng		99
61)	4-Chlorophenyl-phenyle...	10.404	204	232974	44.673	ng		94
62)	4-Nitroaniline	10.439	138	93780	38.484	ng		97
63)	Azobenzene	10.563	77	539123	47.613	ng		97
65)	4,6-Dinitro-2-methylph...	10.469	198	76751	41.900	ng		96
66)	n-Nitrosodiphenylamine	10.528	169	365764	44.569	ng		98
67)	4-Bromophenyl-phenylether	10.892	248	136960	43.923	ng		93
68)	Hexachlorobenzene	10.957	284	151380	44.194	ng		96
69)	Atrazine	11.057	200	136719	50.603	ng		97
70)	Pentachlorophenol	11.157	266	147180	86.835	ng		99
71)	Phenanthrene	11.381	178	616509	41.671	ng		99
72)	Anthracene	11.428	178	633179	43.750	ng		99
73)	Carbazole	11.586	167	546453	42.769	ng		97
74)	Di-n-butylphthalate	11.916	149	674264	43.660	ng		99
75)	Fluoranthene	12.569	202	660473	38.327	ng		99
77)	Benzidine	12.698	184	163689	73.534	ng		99
78)	Pyrene	12.804	202	661034	58.224	ng		98
80)	Butylbenzylphthalate	13.422	149	246113	58.444	ng		97
81)	Benzo(a)anthracene	13.992	228	418154	42.637	ng		99
82)	3,3'-Dichlorobenzidine	13.957	252	46131	16.274	ng		96
83)	Chrysene	14.033	228	389115	42.222	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.980	149	295559	57.643	ng		98
85)	Di-n-octyl phthalate	14.598	149	362993	52.590	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.962	276	462359	55.014	ng		100
88)	Benzo(b)fluoranthene	15.051	252	358491	36.958	ng		98
89)	Benzo(k)fluoranthene	15.080	252	340608	36.342	ng		99
90)	Benzo(a)pyrene	15.416	252	328150	43.696	ng		97
91)	Dibenzo(a,h)anthracene	16.974	278	386075	56.081	ng		99
92)	Benzo(g,h,i)perylene	17.410	276	388191	47.710	ng		97

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

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