Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128226.D
Acq On : 12 May 2022 20:29
Operator : CG\JU
Sample : N2804-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FETWP-2MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

Quant Time: May 13 05:15:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	70290	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	256867	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	128208	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	217974	20.000	ng	#	0.00
76) Chrysene-d12	14.080	240	170207	20.000	ng		0.00
86) Perylene-d12	15.580	264	127309	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	159854	36.254	ng		0.00
7) Phenol-d6	6.522	99	129113	22.139	ng		0.00
23) Nitrobenzene-d5	7.463	82	412904	72.330	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	111119	75.571	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	661045	80.676	ng		0.00
79) Terphenyl-d14	13.016	244	741846	81.783	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	34275	17.474	ng		95
3) Pyridine	3.498	79	82200	15.797	ng		98
4) n-Nitrosodimethylamine	3.451	42	51594	19.890	ng		94
6) Aniline	6.557	93	140000	21.257	ng		97
8) 2-Chlorophenol	6.681	128	145954	32.499	ng		98
9) Benzaldehyde	6.451	77	127834	46.165	ng		94
10) Phenol	6.539	94	83965	13.653	ng		100
11) bis(2-Chloroethyl)ether	6.628	93	183199	39.775	ng		99
12) 1,3-Dichlorobenzene	6.834	146	189097	37.409	ng		95
13) 1,4-Dichlorobenzene	6.916	146	192551	37.698	ng		97
14) 1,2-Dichlorobenzene	7.063	146	179068	37.203	ng		98
15) Benzyl Alcohol	7.039	79	125667	27.267	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	258690	37.875	ng		99
17) 2-Methylphenol	7.151	107	102456	26.891	ng		97
18) Hexachloroethane	7.404	117	65249	33.814	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	144037	40.105	ng		96
20) 3+4-Methylphenols	7.304	107	115041	24.386	ng	#	31
22) Acetophenone	7.304	105	257740	40.295	ng	#	91
24) Nitrobenzene	7.481	77	211648	40.171	ng		98
25) Isophorone	7.716	82	392804	43.890	ng		98
26) 2-Nitrophenol	7.798	139	85162	36.811	ng		95
27) 2,4-Dimethylphenol	7.833	122	141936m	39.803	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	224851	39.746	ng		100
29) 2,4-Dichlorophenol	8.039	162	134525	35.884	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	159874	37.210	ng		99
31) Naphthalene	8.204	128	477468	37.638	ng		99
32) Benzoic acid	7.928	122	31163m	11.686	ng		
33) 4-Chloroaniline	8.251	127	98210	19.501	ng		98
34) Hexachlorobutadiene	8.310	225	106010	36.744	ng		98
35) Caprolactam	8.616	113	9141	7.470	ng		98
36) 4-Chloro-3-methylphenol	8.733	107	147348	35.177	ng		99
37) 2-Methylnaphthalene	8.892	142	322347	37.689	ng		99
38) 1-Methylnaphthalene	8.992	142	302067	36.772	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	163559	43.248	ng		99
41) Hexachlorocyclopentadiene	9.039	237	49601	31.984	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	100974	41.442	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	108827	41.890	ng		98
46) 1,1'-Biphenyl	9.357	154	403510	43.232	ng		99
47) 2-Chloronaphthalene	9.386	162	288695	41.732	ng		99
48) 2-Nitroaniline	9.486	65	115171	46.436	ng		98
49) Acenaphthylene	9.804	152	469872	44.906	ng		99
50) Dimethylphthalate	9.657	163	386055	46.662	ng		99
51) 2,6-Dinitrotoluene	9.727	165	82337	45.367	ng		96
52) Acenaphthene	9.975	154	304105m	41.918	ng		
53) 3-Nitroaniline	9.898	138	57987	29.472	ng		94
54) 2,4-Dinitrophenol	10.010	184	31820	31.692	ng		89
55) Dibenzofuran	10.145	168	421798	40.949	ng		98
56) 4-Nitrophenol	10.063	139	40235	29.266	ng		94
57) 2,4-Dinitrotoluene	10.133	165	104929	43.237	ng	#	87
58) Fluorene	10.486	166	333945	41.622	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	84375	38.004	ng		99
60) Diethylphthalate	10.357	149	381368	46.201	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	168365	42.078	ng		94
62) 4-Nitroaniline	10.510	138	76359	38.282	ng		91
63) Azobenzene	10.639	77	377472	41.760	ng		97
65) 4,6-Dinitro-2-methylph...	10.545	198	26874	19.699	ng		95
66) n-Nitrosodiphenylamine	10.598	169	294077	46.292	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	107508	45.844	ng		97
68) Hexachlorobenzene	11.039	284	115860	45.165	ng	#	90
69) Atrazine	11.122	200	105478	49.222	ng		96
70) Pentachlorophenol	11.233	266	104557	83.982	ng		95
71) Phenanthrene	11.457	178	478078	44.047	ng		100
72) Anthracene	11.510	178	490143	45.230	ng		100
73) Carbazole	11.663	167	441441	42.839	ng		99
74) Di-n-butylphthalate	11.980	149	568128	47.891	ng		100
75) Fluoranthene	12.651	202	519233	44.126	ng		96
77) Benzidine	12.768	184	18315	4.968	ng		99
78) Pyrene	12.880	202	524191	42.474	ng		100
80) Butylbenzylphthalate	13.486	149	235282	45.857	ng		99
81) Benzo(a)anthracene	14.068	228	479632	44.118	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	132715	54.404	ng		100
83) Chrysene	14.110	228	439169	42.337	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	325294	46.923	ng		99
85) Di-n-octyl phthalate	14.657	149	529971	47.858	ng		100
87) Indeno(1,2,3-cd)pyrene	17.109	276	318627	41.374	ng		96
88) Benzo(b)fluoranthene	15.139	252	380458	48.209	ng		99
89) Benzo(k)fluoranthene	15.168	252	349439	44.856	ng		99
90) Benzo(a)pyrene	15.515	252	329703	51.749	ng	#	97
91) Dibenzo(a,h)anthracene	17.121	278	279228	44.786	ng		97
92) Benzo(g,h,i)perylene	17.574	276	264474	41.895	ng		95

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

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