Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130412.D
Acq On : 26 Sep 2022 17:20
Operator : CG\JU
Sample : N4742-06MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 01:06:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 27 01:00:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.651	152	92774	20.000	ng		0.00
21) Naphthalene-d8	7.934	136	338799	20.000	ng		0.00
39) Acenaphthene-d10	9.686	164	154779	20.000	ng		0.00
64) Phenanthrene-d10	11.169	188	222734	20.000	ng		0.00
76) Chrysene-d12	13.804	240	164113	20.000	ng		0.00
86) Perylene-d12	15.192	264	216254	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	631137	117.995	ng		0.01
7) Phenol-d6	6.298	99	763438	114.071	ng		0.00
23) Nitrobenzene-d5	7.222	82	477798	72.049	ng		0.00
42) 2,4,6-Tribromophenol	10.475	330	181884	122.640	ng		0.00
45) 2-Fluorobiphenyl	9.016	172	860498	80.957	ng		0.00
79) Terphenyl-d14	12.751	244	556172	56.138	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.293	88	91505	37.250	ng		96
3) Pyridine	2.975	79	235163	36.698	ng		94
4) n-Nitrosodimethylamine	2.934	42	132692	38.072	ng	#	91
6) Aniline	6.316	93	352391	42.734	ng	#	67
8) 2-Chlorophenol	6.440	128	293318	48.140	ng		91
9) Benzaldehyde	6.198	77	167699	37.407	ng		97
10) Phenol	6.310	94	342860	43.715	ng		79
11) bis(2-Chloroethyl)ether	6.398	93	261440	46.214	ng		93
12) 1,3-Dichlorobenzene	6.593	146	317072	47.293	ng		97
13) 1,4-Dichlorobenzene	6.669	146	326401	47.741	ng		99
14) 1,2-Dichlorobenzene	6.822	146	306135	47.933	ng		98
15) Benzyl Alcohol	6.804	79	172068	32.427	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.940	45	324897	39.377	ng		89
17) 2-Methylphenol	6.922	107	221672	44.754	ng		98
18) Hexachloroethane	7.163	117	123225	45.724	ng		94
19) n-Nitroso-di-n-propyla...	7.075	70	188755	41.796	ng		91
20) 3+4-Methylphenols	7.075	107	275631	42.838	ng	#	74
22) Acetophenone	7.069	105	399634	48.247	ng		92
24) Nitrobenzene	7.240	77	293560	43.596	ng		94
25) Isophorone	7.481	82	492326	46.061	ng		98
26) 2-Nitrophenol	7.557	139	147881	53.573	ng		89
27) 2,4-Dimethylphenol	7.598	122	215517	50.707	ng		98
28) bis(2-Chloroethoxy)met...	7.692	93	302350	50.236	ng		99
29) 2,4-Dichlorophenol	7.798	162	221355	47.526	ng		98
30) 1,2,4-Trichlorobenzene	7.875	180	249913	49.630	ng		97
31) Naphthalene	7.957	128	804428	46.087	ng		99
32) Benzoic acid	7.728	122	116922	35.573	ng		96
33) 4-Chloroaniline	8.010	127	254202	38.292	ng		98
34) Hexachlorobutadiene	8.075	225	160176	49.772	ng		99
35) Caprolactam	8.381	113	55646m	41.675	ng		
36) 4-Chloro-3-methylphenol	8.504	107	227771	44.120	ng		98
37) 2-Methylnaphthalene	8.645	142	514148	46.200	ng		100
38) 1-Methylnaphthalene	8.745	142	481604	45.048	ng		100
40) 1,2,4,5-Tetrachloroben...	8.816	216	236293	55.941	ng		98
41) Hexachlorocyclopentadiene	8.798	237	286771	126.806	ng		99
43) 2,4,6-Trichlorophenol	8.928	196	145725	49.432	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	153244	48.172	ng		96
46) 1,1'-Biphenyl	9.116	154	608536	52.643	ng		97
47) 2-Chloronaphthalene	9.134	162	471232	50.394	ng		99
48) 2-Nitroaniline	9.239	65	127726	40.953	ng		86
49) Acenaphthylene	9.551	152	675801	48.201	ng		100
50) Dimethylphthalate	9.422	163	488262	45.668	ng		99
51) 2,6-Dinitrotoluene	9.481	165	108423	48.490	ng	#	80
52) Acenaphthene	9.722	154	471863m	51.224	ng		
53) 3-Nitroaniline	9.645	138	84694	33.993	ng		99
54) 2,4-Dinitrophenol	9.757	184	97030	79.996	ng	#	84
55) Dibenzofuran	9.892	168	602850	47.050	ng		98
56) 4-Nitrophenol	9.822	139	142540	78.547	ng	#	81
57) 2,4-Dinitrotoluene	9.881	165	132843	46.487	ng		90
58) Fluorene	10.233	166	466233	44.493	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	109554	43.998	ng		93
60) Diethylphthalate	10.116	149	452291	42.186	ng		99
61) 4-Chlorophenyl-phenyle...	10.228	204	221723	48.234	ng		99
62) 4-Nitroaniline	10.257	138	99084	39.587	ng		91
63) Azobenzene	10.386	77	429889	38.939	ng		98
65) 4,6-Dinitro-2-methylph...	10.286	198	60287	48.623	ng		84
66) n-Nitrosodiphenylamine	10.351	169	374349	50.295	ng		99
67) 4-Bromophenyl-phenylether	10.716	248	133682	54.406	ng		96
68) Hexachlorobenzene	10.775	284	151448	54.374	ng		92
69) Atrazine	10.881	200	111699	51.352	ng		97
70) Pentachlorophenol	10.975	266	124948	83.586	ng		99
71) Phenanthrene	11.192	178	578099	46.229	ng		100
72) Anthracene	11.245	178	585445	48.513	ng		99
73) Carbazole	11.404	167	490154	45.005	ng		99
74) Di-n-butylphthalate	11.739	149	591209	45.016	ng		99
75) Fluoranthene	12.375	202	513654	42.508	ng		99
77) Benzidine	12.510	184	329777	69.222	ng		99
78) Pyrene	12.604	202	520988	36.289	ng		99
80) Butylbenzylphthalate	13.233	149	219717	41.311	ng		96
81) Benzo(a)anthracene	13.792	228	522815	47.887	ng		99
82) 3,3'-Dichlorobenzidine	13.763	252	210675	70.889	ng	#	98
83) Chrysene	13.827	228	497353	47.978	ng		98
84) Bis(2-ethylhexyl)phtha...	13.792	149	299419	49.149	ng		99
85) Di-n-octyl phthalate	14.404	149	547662	58.775	ng		95
87) Indeno(1,2,3-cd)pyrene	16.527	276	765837	49.939	ng		98
88) Benzo(b)fluoranthene	14.804	252	695549	49.278	ng		99
89) Benzo(k)fluoranthene	14.833	252	603126	43.438	ng		99
90) Benzo(a)pyrene	15.139	252	593128	53.042	ng		98
91) Dibenzo(a,h)anthracene	16.545	278	671551	53.380	ng		98
92) Benzo(g,h,i)perylene	16.927	276	630436	49.747	ng		100

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

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