Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130300.D
Acq On : 16 Sep 2022 20:27
Operator : CG\JU
Sample : N4656-31MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

Quant Time: Sep 17 03:29:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 03:22:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.669	152	88394	20.000	ng		0.00
21) Naphthalene-d8	7.951	136	342205	20.000	ng		0.00
39) Acenaphthene-d10	9.704	164	169476	20.000	ng		0.00
64) Phenanthrene-d10	11.180	188	247553	20.000	ng		0.00
76) Chrysene-d12	13.804	240	141536	20.000	ng		0.00
86) Perylene-d12	15.198	264	179570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	657546	129.023	ng		0.02
7) Phenol-d6	6.310	99	833309	130.681	ng		0.00
23) Nitrobenzene-d5	7.239	82	555132	82.877	ng		0.00
42) 2,4,6-Tribromophenol	10.486	330	194528	119.790	ng		0.00
45) 2-Fluorobiphenyl	9.027	172	999421	85.873	ng		0.00
79) Terphenyl-d14	12.763	244	677269	79.265	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.363	88	97610	41.704	ng		97
3) Pyridine	3.040	79	252157	41.299	ng		97
4) n-Nitrosodimethylamine	3.004	42	145530	43.825	ng		96
6) Aniline	6.334	93	334516	42.576	ng		99
8) 2-Chlorophenol	6.451	128	291105	50.144	ng		94
9) Benzaldehyde	6.216	77	180125	42.170	ng		97
10) Phenol	6.322	94	356792	47.745	ng		97
11) bis(2-Chloroethyl)ether	6.410	93	260700	48.367	ng		97
12) 1,3-Dichlorobenzene	6.610	146	317237	49.662	ng		98
13) 1,4-Dichlorobenzene	6.686	146	324008	49.739	ng		99
14) 1,2-Dichlorobenzene	6.839	146	305783	50.250	ng		97
15) Benzyl Alcohol	6.816	79	210250	41.586	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.951	45	351894	44.762	ng		94
17) 2-Methylphenol	6.934	107	239059	50.656	ng		98
18) Hexachloroethane	7.181	117	123705	48.177	ng		97
19) n-Nitroso-di-n-propyla...	7.092	70	197655	45.936	ng		95
20) 3+4-Methylphenols	7.086	107	282176	46.028	ng		94
22) Acetophenone	7.086	105	407305	48.683	ng	#	96
24) Nitrobenzene	7.257	77	309376	45.487	ng		95
25) Isophorone	7.498	82	528648	48.967	ng		98
26) 2-Nitrophenol	7.569	139	148178	53.146	ng		97
27) 2,4-Dimethylphenol	7.616	122	230049	53.587	ng		98
28) bis(2-Chloroethoxy)met...	7.710	93	318223	52.347	ng		100
29) 2,4-Dichlorophenol	7.810	162	229008	48.679	ng		97
30) 1,2,4-Trichlorobenzene	7.892	180	245122	48.194	ng		96
31) Naphthalene	7.975	128	822550	46.656	ng		99
32) Benzoic acid	7.692	122	42397	12.771	ng		94
33) 4-Chloroaniline	8.028	127	213120	31.784	ng		96
34) Hexachlorobutadiene	8.092	225	158728	48.831	ng		98
35) Caprolactam	8.392	113	55073m	40.836	ng		
36) 4-Chloro-3-methylphenol	8.510	107	246218	47.218	ng		98
37) 2-Methylnaphthalene	8.663	142	529388	47.096	ng		99
38) 1-Methylnaphthalene	8.763	142	501756	46.466	ng		99
40) 1,2,4,5-Tetrachloroben...	8.828	216	237197	51.285	ng		98
41) Hexachlorocyclopentadiene	8.816	237	320360	129.374	ng		99
43) 2,4,6-Trichlorophenol	8.939	196	152398	47.213	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.980	196	162597	46.680	ng		99
46) 1,1'-Biphenyl	9.127	154	637259	50.347	ng		99
47) 2-Chloronaphthalene	9.151	162	488720	47.732	ng		99
48) 2-Nitroaniline	9.251	65	148186	43.393	ng		93
49) Acenaphthylene	9.563	152	730048	47.555	ng		100
50) Dimethylphthalate	9.433	163	535656	45.756	ng		100
51) 2,6-Dinitrotoluene	9.492	165	119377	48.759	ng		91
52) Acenaphthene	9.733	154	473120m	46.906	ng		
53) 3-Nitroaniline	9.657	138	83366	30.558	ng		100
54) 2,4-Dinitrophenol	9.763	184	52335	42.579	ng		91
55) Dibenzofuran	9.904	168	655343	46.711	ng		99
56) 4-Nitrophenol	9.822	139	164560	82.817	ng		93
57) 2,4-Dinitrotoluene	9.892	165	145984	46.655	ng		93
58) Fluorene	10.245	166	517674	45.118	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.022	232	109076	40.008	ng		97
60) Diethylphthalate	10.133	149	509262	43.380	ng		98
61) 4-Chlorophenyl-phenyle...	10.245	204	237724	47.230	ng		97
62) 4-Nitroaniline	10.269	138	109570	39.980	ng		98
63) Azobenzene	10.404	77	488775	40.434	ng		96
65) 4,6-Dinitro-2-methylph...	10.292	198	45564	33.064	ng		91
66) n-Nitrosodiphenylamine	10.363	169	420562	50.839	ng		98
67) 4-Bromophenyl-phenylether	10.733	248	142194	52.069	ng		93
68) Hexachlorobenzene	10.786	284	161040	52.021	ng		92
69) Atrazine	10.892	200	122032	50.478	ng		97
70) Pentachlorophenol	10.980	266	120881	72.758	ng		98
71) Phenanthrene	11.204	178	639299	45.997	ng		99
72) Anthracene	11.257	178	644540	48.055	ng		98
73) Carbazole	11.410	167	540413	44.645	ng		99
74) Di-n-butylphthalate	11.751	149	641599	43.955	ng		99
75) Fluoranthene	12.386	202	536192	39.924	ng		97
77) Benzidine	12.515	184	376447	91.623	ng		99
78) Pyrene	12.610	202	519968	41.995	ng		100
80) Butylbenzylphthalate	13.239	149	201196	43.863	ng		98
81) Benzo(a)anthracene	13.798	228	443642	47.117	ng		99
82) 3,3'-Dichlorobenzidine	13.768	252	107278	41.856	ng	#	99
83) Chrysene	13.833	228	420013	46.980	ng		99
84) Bis(2-ethylhexyl)phtha...	13.798	149	262014	49.870	ng		99
85) Di-n-octyl phthalate	14.410	149	467170	58.135	ng		97
87) Indeno(1,2,3-cd)pyrene	16.527	276	655086	51.444	ng		99
88) Benzo(b)fluoranthene	14.809	252	547063	46.676	ng		98
89) Benzo(k)fluoranthene	14.833	252	517280	44.866	ng		100
90) Benzo(a)pyrene	15.139	252	488312	52.589	ng		98
91) Dibenzo(a,h)anthracene	16.545	278	564791	54.065	ng		99
92) Benzo(g,h,i)perylene	16.927	276	554767	52.719	ng		98

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

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