Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
Data File : BF129860.D
Acq On : 17 Aug 2022 23:55
Operator : CG\JU
Sample : N4189-17MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB14MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

Quant Time: Aug 18 05:39:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 05:28:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	138782	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	549726	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	281416	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	455183	20.000	ng		0.00
76) Chrysene-d12	13.992	240	243432	20.000	ng		0.00
86) Perylene-d12	15.451	264	244283	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1001447	119.475	ng		0.00
7) Phenol-d6	6.469	99	1275837	121.547	ng		0.00
23) Nitrobenzene-d5	7.381	82	826982	80.531	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	322917	114.330	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1485313	80.162	ng		0.00
79) Terphenyl-d14	12.922	244	1334013	91.184	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	152861	44.203	ng		99
3) Pyridine	3.405	79	331100	36.587	ng		95
4) n-Nitrosodimethylamine	3.352	42	208040	49.882	ng		99
6) Aniline	6.481	93	386992	32.348	ng	#	84
8) 2-Chlorophenol	6.610	128	464939	49.826	ng		98
9) Benzaldehyde	6.369	77	281913	52.202	ng		98
10) Phenol	6.481	94	554457	48.155	ng		92
11) bis(2-Chloroethyl)ether	6.551	93	428538	49.012	ng		99
12) 1,3-Dichlorobenzene	6.751	146	478942	47.544	ng		99
13) 1,4-Dichlorobenzene	6.828	146	486352	47.250	ng		99
14) 1,2-Dichlorobenzene	6.981	146	461886	48.315	ng		99
15) Benzyl Alcohol	6.969	79	396131	49.990	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.081	45	561013	47.884	ng		98
17) 2-Methylphenol	7.087	107	362953	48.443	ng		99
18) Hexachloroethane	7.316	117	184707	47.786	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	318229	47.963	ng		99
20) 3+4-Methylphenols	7.240	107	478580	47.585	ng		96
22) Acetophenone	7.228	105	645418	48.179	ng		99
24) Nitrobenzene	7.404	77	482570	46.603	ng		99
25) Isophorone	7.640	82	864366	48.904	ng		100
26) 2-Nitrophenol	7.716	139	247818	48.655	ng		97
27) 2,4-Dimethylphenol	7.757	122	386472	52.908	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	531236	51.477	ng		99
29) 2,4-Dichlorophenol	7.969	162	375187	46.973	ng		100
30) 1,2,4-Trichlorobenzene	8.040	180	379915	45.087	ng		99
31) Naphthalene	8.116	128	1304567	45.387	ng		100
32) Benzoic acid	7.910	122	145704m	45.290	ng		
33) 4-Chloroaniline	8.175	127	282961	25.034	ng		98
34) Hexachlorobutadiene	8.228	225	234434	45.692	ng		100
35) Caprolactam	8.557	113	114884m	46.253	ng		
36) 4-Chloro-3-methylphenol	8.675	107	402459	46.706	ng		98
37) 2-Methylnaphthalene	8.810	142	848756	44.991	ng		100
38) 1-Methylnaphthalene	8.910	142	809619	44.159	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	375720	48.003	ng		99
41) Hexachlorocyclopentadiene	8.957	237	251773	91.313	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	235719	46.352	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	244879	44.758	ng		98
46) 1,1'-Biphenyl	9.275	154	1033734	48.353	ng		99
47) 2-Chloronaphthalene	9.298	162	798991	47.234	ng		97
48) 2-Nitroaniline	9.404	65	252031	47.146	ng		99
49) Acenaphthylene	9.716	152	1186587	46.259	ng		100
50) Dimethylphthalate	9.575	163	905191	44.870	ng		99
51) 2,6-Dinitrotoluene	9.645	165	201922	46.141	ng		99
52) Acenaphthene	9.886	154	717977	46.135	ng		99
53) 3-Nitroaniline	9.822	138	158222	32.694	ng		99
54) 2,4-Dinitrophenol	9.939	184	169850	85.446	ng		94
55) Dibenzofuran	10.057	168	1059837	45.330	ng		96
56) 4-Nitrophenol	10.010	139	203090	94.328	ng		99
57) 2,4-Dinitrotoluene	10.057	165	254484	44.797	ng		94
58) Fluorene	10.404	166	870787	44.606	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	178602	44.482	ng	#	80
60) Diethylphthalate	10.275	149	863704	42.937	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	396723	45.284	ng		98
62) 4-Nitroaniline	10.439	138	204503m	41.887	ng		
63) Azobenzene	10.551	77	855069	44.472	ng		99
65) 4,6-Dinitro-2-methylph...	10.469	198	124024	46.413	ng		93
66) n-Nitrosodiphenylamine	10.516	169	732940	47.707	ng		99
67) 4-Bromophenyl-phenylether	10.881	248	250358	46.959	ng		97
68) Hexachlorobenzene	10.951	284	272624	47.207	ng		99
69) Atrazine	11.045	200	234253	49.678	ng		98
70) Pentachlorophenol	11.157	266	151563	87.063	ng		98
71) Phenanthrene	11.369	178	1162828	45.741	ng		99
72) Anthracene	11.422	178	1189074	47.035	ng		99
73) Carbazole	11.580	167	1065602	46.434	ng		99
74) Di-n-butylphthalate	11.892	149	1267618	42.918	ng		99
75) Fluoranthene	12.557	202	1115781	42.892	ng		98
77) Benzidine	12.680	184	60263	5.628	ng		98
78) Pyrene	12.786	202	1105415	52.255	ng		100
80) Butylbenzylphthalate	13.392	149	423062	47.263	ng		95
81) Benzo(a)anthracene	13.980	228	771648	46.080	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	187572	36.167	ng		98
83) Chrysene	14.016	228	717204	45.754	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	520914	49.052	ng		97
85) Di-n-octyl phthalate	14.557	149	724404	49.414	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	881825	52.582	ng		100
88) Benzo(b)fluoranthene	15.027	252	718810	42.972	ng		99
89) Benzo(k)fluoranthene	15.057	252	693395	43.224	ng		99
90) Benzo(a)pyrene	15.392	252	648654	49.242	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	759272	54.871	ng		98
92) Benzo(g,h,i)perylene	17.380	276	788103	57.088	ng		97

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

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