Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131760.D
Acq On : 21 Dec 2022 23:03
Operator : CG\JU
Sample : N6129-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 22 05:51:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
C3MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	84877	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	307375	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	177876	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	353223	20.000	ng		0.00
76) Chrysene-d12	14.068	240	231861	20.000	ng	#	0.00
86) Perylene-d12	15.557	264	184881	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	746597	148.118	ng		0.03
7) Phenol-d6	6.510	99	941928	138.837	ng		0.00
23) Nitrobenzene-d5	7.439	82	731077	96.556	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	321679	165.224	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1240986	97.731	ng		0.00
79) Terphenyl-d14	13.004	244	1534504	103.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	111056	47.148	ng	#	84
3) Pyridine	3.540	79	261465	38.929	ng		98
4) n-Nitrosodimethylamine	3.487	42	154950	50.991	ng		95
6) Aniline	6.534	93	170831	20.396	ng		92
8) 2-Chlorophenol	6.651	128	280409	51.794	ng		99
9) Benzaldehyde	6.422	77	130078	31.900	ng		96
10) Phenol	6.522	94	365110	45.074	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	351347	60.613	ng		99
12) 1,3-Dichlorobenzene	6.804	146	293593	47.974	ng		98
13) 1,4-Dichlorobenzene	6.887	146	296223	47.353	ng		99
14) 1,2-Dichlorobenzene	7.034	146	286833	48.972	ng		98
15) Benzyl Alcohol	7.016	79	272056	44.896	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	376993	51.006	ng		89
17) 2-Methylphenol	7.128	107	268241	52.484	ng		94
18) Hexachloroethane	7.381	117	122705	49.482	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	245075	50.087	ng		98
20) 3+4-Methylphenols	7.281	107	314201	47.766	ng		92
22) Acetophenone	7.281	105	458166	51.077	ng	#	93
24) Nitrobenzene	7.457	77	379084	49.249	ng		96
25) Isophorone	7.698	82	683581	53.162	ng		99
26) 2-Nitrophenol	7.775	139	151480	50.355	ng		97
27) 2,4-Dimethylphenol	7.816	122	251962	58.807	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	384165	56.262	ng		100
29) 2,4-Dichlorophenol	8.016	162	258033	49.886	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	297722	48.962	ng		98
31) Naphthalene	8.181	128	807118	48.081	ng		100
32) Benzoic acid	7.951	122	181184	52.829	ng		98
33) 4-Chloroaniline	8.234	127	65959	10.075	ng		98
34) Hexachlorobutadiene	8.292	225	193691	47.344	ng		100
35) Caprolactam	8.616	113	70211m	45.018	ng		
36) 4-Chloro-3-methylphenol	8.722	107	303921	51.437	ng		98
37) 2-Methylnaphthalene	8.875	142	559663	48.876	ng		100
38) 1-Methylnaphthalene	8.975	142	514562	46.398	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	318307	52.304	ng		99
41) Hexachlorocyclopentadiene	9.022	237	373582	135.496	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	202830	51.021	ng		98

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44)	2,4,5-Trichlorophenol	9.198	196	226210	52.562	ng		99
46)	1,1'-Biphenyl	9.339	154	708242	52.934	ng		99
47)	2-Chloronaphthalene	9.363	162	561001	51.205	ng		98
48)	2-Nitroaniline	9.469	65	203130	51.440	ng		97
49)	Acenaphthylene	9.786	152	848485	51.634	ng		99
50)	Dimethylphthalate	9.645	163	701956	52.446	ng		100
51)	2,6-Dinitrotoluene	9.710	165	151092	52.500	ng		96
52)	Acenaphthene	9.957	154	515950	51.254	ng		100
53)	3-Nitroaniline	9.880	138	82404	27.984	ng		99
54)	2,4-Dinitrophenol	9.992	184	199184	115.507	ng		99
55)	Dibenzofuran	10.128	168	786120	50.927	ng		98
56)	4-Nitrophenol	10.057	139	210225	99.745	ng		89
57)	2,4-Dinitrotoluene	10.116	165	208780	53.987	ng		94
58)	Fluorene	10.475	166	630535	50.522	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.245	232	175176m	48.757	ng		
60)	Diethylphthalate	10.351	149	670316	51.976	ng		97
61)	4-Chlorophenyl-phenyle...	10.463	204	345718	52.119	ng		99
62)	4-Nitroaniline	10.510	138	142911	48.221	ng		99
63)	Azobenzene	10.628	77	728772	51.459	ng		100
65)	4,6-Dinitro-2-methylph...	10.528	198	126642	52.222	ng		89
66)	n-Nitrosodiphenylamine	10.586	169	542598	49.535	ng		100
67)	4-Bromophenyl-phenylether	10.957	248	210916	50.557	ng		96
68)	Hexachlorobenzene	11.016	284	230393	50.214	ng		100
69)	Atrazine	11.116	200	200890	55.018	ng		97
70)	Pentachlorophenol	11.216	266	274303	112.641	ng		98
71)	Phenanthrene	11.439	178	948358	49.238	ng		99
72)	Anthracene	11.492	178	955823	50.683	ng		99
73)	Carbazole	11.651	167	826637	50.664	ng		99
74)	Di-n-butylphthalate	11.974	149	1040723	51.225	ng		100
75)	Fluoranthene	12.633	202	1047586	48.837	ng		99
77)	Benzidine	12.751	184	125885	29.609	ng		98
78)	Pyrene	12.863	202	1068517	50.687	ng		100
80)	Butylbenzylphthalate	13.480	149	417010	56.087	ng		99
81)	Benzo(a)anthracene	14.057	228	864487	51.769	ng		100
82)	3,3'-Dichlorobenzidine	14.021	252	196527	42.153	ng	#	99
83)	Chrysene	14.092	228	815369	51.733	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	565883	63.828	ng		99
85)	Di-n-octyl phthalate	14.657	149	849939	68.678	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.074	276	669084	53.879	ng		99
88)	Benzo(b)fluoranthene	15.121	252	670795	51.284	ng		99
89)	Benzo(k)fluoranthene	15.151	252	677091	53.049	ng		99
90)	Benzo(a)pyrene	15.498	252	564476	54.482	ng		99
91)	Dibenzo(a,h)anthracene	17.092	278	554866	54.068	ng		98
92)	Benzo(g,h,i)perylene	17.533	276	557227	54.935	ng		98

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

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