Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131043.D
Acq On : 07 Nov 2022 14:31
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 07 14:57:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 13:20:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	75802	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	272872	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	142588	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	261063	20.000	ng		0.00
76) Chrysene-d12	14.092	240	135803	20.000	ng	#	0.00
86) Perylene-d12	15.586	264	104492	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	633900	144.975	ng		0.00
7) Phenol-d6	6.540	99	937563	165.005	ng		0.01
23) Nitrobenzene-d5	7.481	82	896913	198.198	ng		0.01
42) 2,4,6-Tribromophenol	10.751	330	237964	198.253	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	1598003	169.439	ng		0.00
79) Terphenyl-d14	13.033	244	1471529	198.560	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	188263	96.034	ng		99
3) Pyridine	3.457	79	444967	81.037	ng		96
4) n-Nitrosodimethylamine	3.440	42	272251	88.321	ng		91
6) Aniline	6.575	93	600866	85.520	ng		98
8) 2-Chlorophenol	6.692	128	361981	74.316	ng		95
9) Benzaldehyde	6.463	77	242653	66.723	ng		98
10) Phenol	6.551	94	553364	90.500	ng		86
11) bis(2-Chloroethyl)ether	6.645	93	374644	78.599	ng		97
12) 1,3-Dichlorobenzene	6.845	146	405466	73.461	ng		98
13) 1,4-Dichlorobenzene	6.922	146	419896	74.948	ng		96
14) 1,2-Dichlorobenzene	7.081	146	413565	79.706	ng		98
15) Benzyl Alcohol	7.051	79	395389	81.835	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	625957	73.673	ng		99
17) 2-Methylphenol	7.157	107	305260	73.324	ng		96
18) Hexachloroethane	7.416	117	158494	78.276	ng		98
19) n-Nitroso-di-n-propyla...	7.334	70	286451	74.095	ng		98
20) 3+4-Methylphenols	7.316	107	372979	68.905	ng	#	85
22) Acetophenone	7.322	105	503487	76.103	ng	#	87
24) Nitrobenzene	7.498	77	499467	100.936	ng		98
25) Isophorone	7.734	82	809155	86.709	ng		99
26) 2-Nitrophenol	7.810	139	201952	120.610	ng		96
27) 2,4-Dimethylphenol	7.839	122	303511	78.150	ng		98
28) bis(2-Chloroethoxy)met...	7.939	93	421254	80.828	ng		99
29) 2,4-Dichlorophenol	8.051	162	318818	79.800	ng		96
30) 1,2,4-Trichlorobenzene	8.128	180	353935	82.385	ng		98
31) Naphthalene	8.216	128	1125460	79.053	ng		99
32) Benzoic acid	7.998	122	250597	103.934	ng		92
33) 4-Chloroaniline	8.263	127	432640	76.904	ng		95
34) Hexachlorobutadiene	8.322	225	233153	81.755	ng		99
35) Caprolactam	8.669	113	104964m	81.984	ng		
36) 4-Chloro-3-methylphenol	8.751	107	360287	83.137	ng		96
37) 2-Methylnaphthalene	8.904	142	712252	79.536	ng		98
38) 1-Methylnaphthalene	9.004	142	651799	74.790	ng		100
40) 1,2,4,5-Tetrachloroben...	9.069	216	359553	88.920	ng		99
41) Hexachlorocyclopentadiene	9.051	237	206269	97.087	ng		99
43) 2,4,6-Trichlorophenol	9.181	196	238173	84.767	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.228	196	267372	89.068	ng		96
46)	1,1'-Biphenyl	9.375	154	910734	89.651	ng		99
47)	2-Chloronaphthalene	9.398	162	705945	86.663	ng		99
48)	2-Nitroaniline	9.498	65	265102	118.198	ng		92
49)	Acenaphthylene	9.816	152	1170808	90.954	ng		100
50)	Dimethylphthalate	9.681	163	903211	92.223	ng		100
51)	2,6-Dinitrotoluene	9.745	165	209265	126.679	ng		95
52)	Acenaphthene	9.992	154	622954	78.263	ng		98
53)	3-Nitroaniline	9.916	138	196080	102.789	ng		87
54)	2,4-Dinitrophenol	10.022	184	111337	170.017	ng		93
55)	Dibenzofuran	10.163	168	893893	77.477	ng		97
56)	4-Nitrophenol	10.075	139	143121	94.755	ng		85
57)	2,4-Dinitrotoluene	10.151	165	238833	118.839	ng		92
58)	Fluorene	10.504	166	851115	93.686	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.275	232	252048	101.841	ng		99
60)	Diethylphthalate	10.380	149	968626	100.565	ng		98
61)	4-Chlorophenyl-phenyle...	10.492	204	413311	95.099	ng		90
62)	4-Nitroaniline	10.539	138	218421	113.076	ng		90
63)	Azobenzene	10.657	77	846900	84.231	ng		98
65)	4,6-Dinitro-2-methylph...	10.563	198	146741	154.860	ng		94
66)	n-Nitrosodiphenylamine	10.622	169	681928	83.744	ng		100
67)	4-Bromophenyl-phenylether	10.986	248	237989	90.648	ng		96
68)	Hexachlorobenzene	11.051	284	292412	101.089	ng		98
69)	Atrazine	11.145	200	201168	85.544	ng		97
70)	Pentachlorophenol	11.245	266	139015	84.220	ng		99
71)	Phenanthrene	11.475	178	1080792	80.211	ng		100
72)	Anthracene	11.527	178	1067178	80.298	ng		100
73)	Carbazole	11.680	167	880095	73.947	ng		99
74)	Di-n-butylphthalate	12.004	149	1223489	84.644	ng		99
75)	Fluoranthene	12.663	202	1204038	84.102	ng		99
77)	Benzidine	12.780	184	292854	88.835	ng		98
78)	Pyrene	12.892	202	1187281	103.626	ng		99
80)	Butylbenzylphthalate	13.504	149	386752	93.825	ng		94
81)	Benzo(a)anthracene	14.080	228	748601	83.143	ng		98
82)	3,3'-Dichlorobenzidine	14.045	252	190565	78.419	ng		98
83)	Chrysene	14.121	228	732694	84.365	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.063	149	454604	91.724	ng	#	99
85)	Di-n-octyl phthalate	14.680	149	827336	120.951	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.121	276	726785	104.738	ng		97
88)	Benzo(b)fluoranthene	15.151	252	653950	96.814	ng		98
89)	Benzo(k)fluoranthene	15.186	252	586134m	89.052	ng		
90)	Benzo(a)pyrene	15.527	252	473777	87.253	ng		99
91)	Dibenzo(a,h)anthracene	17.151	278	596502	105.450	ng		97
92)	Benzo(g,h,i)perylene	17.598	276	601874	104.292	ng		95

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

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