Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102022\
Data File : BF130732.D
Acq On : 20 Oct 2022 17:44
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 21 05:00:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 04:55:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.563	152	73423	20.000	ng		0.00
21) Naphthalene-d8	7.845	136	286037	20.000	ng		0.00
39) Acenaphthene-d10	9.592	164	185853	20.000	ng		0.00
64) Phenanthrene-d10	11.075	188	277278	20.000	ng		0.00
76) Chrysene-d12	13.710	240	172558	20.000	ng	#	0.00
86) Perylene-d12	15.080	264	137826	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	595239	146.132	ng		0.00
7) Phenol-d6	6.228	99	597165	116.605	ng		0.00
23) Nitrobenzene-d5	7.145	82	598379	114.202	ng		0.00
42) 2,4,6-Tribromophenol	10.386	330	223078	122.667	ng		0.00
45) 2-Fluorobiphenyl	8.928	172	1404886	114.502	ng		0.00
79) Terphenyl-d14	12.657	244	1282217	123.329	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.110	88	155912	63.268	ng		99
3) Pyridine	2.769	79	330107	74.886	ng		99
4) n-Nitrosodimethylamine	2.752	42	156611	75.405	ng		98
6) Aniline	6.240	93	357597	58.323	ng	#	82
8) 2-Chlorophenol	6.357	128	286711	59.854	ng		96
9) Benzaldehyde	6.122	77	158801	49.355	ng		99
10) Phenol	6.240	94	344374	58.116	ng		96
11) bis(2-Chloroethyl)ether	6.316	93	251932	58.530	ng		99
12) 1,3-Dichlorobenzene	6.504	146	313358	59.746	ng		99
13) 1,4-Dichlorobenzene	6.581	146	321969	60.511	ng		99
14) 1,2-Dichlorobenzene	6.734	146	295965	59.726	ng		99
15) Benzyl Alcohol	6.728	79	230861	62.788	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.851	45	297585	53.738	ng		84
17) 2-Methylphenol	6.845	107	229843	60.320	ng		99
18) Hexachloroethane	7.069	117	119275	59.255	ng		98
19) n-Nitroso-di-n-propyla...	6.998	70	191111	57.840	ng		97
20) 3+4-Methylphenols	7.004	107	299849	58.726	ng	#	86
22) Acetophenone	6.993	105	390574	56.921	ng		99
24) Nitrobenzene	7.163	77	302200	57.351	ng		97
25) Isophorone	7.404	82	504499	57.851	ng		98
26) 2-Nitrophenol	7.475	139	161999	62.691	ng		97
27) 2,4-Dimethylphenol	7.522	122	219378	60.911	ng		99
28) bis(2-Chloroethoxy)met...	7.616	93	292575	57.942	ng		99
29) 2,4-Dichlorophenol	7.722	162	252009	62.540	ng		99
30) 1,2,4-Trichlorobenzene	7.792	180	267292	61.529	ng		98
31) Naphthalene	7.869	128	886342	59.861	ng		100
32) Benzoic acid	7.710	122	131318	57.634	ng		96
33) 4-Chloroaniline	7.934	127	347552	60.595	ng		98
34) Hexachlorobutadiene	7.981	225	169181	62.747	ng		98
35) Caprolactam	8.334	113	94989m	78.349	ng		
36) 4-Chloro-3-methylphenol	8.434	107	323109	73.923	ng		97
37) 2-Methylnaphthalene	8.557	142	680770	73.061	ng		100
38) 1-Methylnaphthalene	8.657	142	663336	73.334	ng		100
40) 1,2,4,5-Tetrachloroben...	8.728	216	297088	58.918	ng		100
41) Hexachlorocyclopentadiene	8.704	237	38499	26.734	ng		98
43) 2,4,6-Trichlorophenol	8.851	196	183646	54.242	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.898	196	210384	56.505	ng		99
46)	1,1'-Biphenyl	9.028	154	795536	59.064	ng		98
47)	2-Chloronaphthalene	9.051	162	648757	58.934	ng		98
48)	2-Nitroaniline	9.163	65	213486	64.424	ng		94
49)	Acenaphthylene	9.457	152	941635	57.089	ng		99
50)	Dimethylphthalate	9.339	163	773901	60.154	ng		99
51)	2,6-Dinitrotoluene	9.404	165	169524	60.071	ng	#	84
52)	Acenaphthene	9.634	154	515042	51.539	ng		99
53)	3-Nitroaniline	9.581	138	197935	63.985	ng		89
54)	2,4-Dinitrophenol	9.698	184	59633	47.870	ng		98
55)	Dibenzofuran	9.804	168	816214	53.615	ng		96
56)	4-Nitrophenol	9.769	139	46903	27.498	ng		99
57)	2,4-Dinitrotoluene	9.810	165	208229	57.411	ng		90
58)	Fluorene	10.145	166	762479	60.922	ng		99
59)	2,3,4,6-Tetrachlorophenol	9.934	232	175112	58.993	ng		96
60)	Diethylphthalate	10.033	149	760352	59.235	ng		98
61)	4-Chlorophenyl-phenyle...	10.139	204	336517	59.472	ng		99
62)	4-Nitroaniline	10.198	138	188670	63.880	ng		97
63)	Azobenzene	10.298	77	707514	58.520	ng		98
65)	4,6-Dinitro-2-methylph...	10.222	198	115545	66.682	ng		91
66)	n-Nitrosodiphenylamine	10.263	169	584554	63.377	ng		99
67)	4-Bromophenyl-phenylether	10.622	248	192486	61.353	ng		95
68)	Hexachlorobenzene	10.686	284	223601	63.047	ng		96
69)	Atrazine	10.798	200	142451	56.718	ng		97
70)	Pentachlorophenol	10.898	266	51904	37.603	ng		94
71)	Phenanthrene	11.104	178	910441	59.265	ng		99
72)	Anthracene	11.151	178	904460	60.284	ng		99
73)	Carbazole	11.316	167	823291	61.496	ng		99
74)	Di-n-butylphthalate	11.645	149	1078617	66.512	ng		99
75)	Fluoranthene	12.286	202	1073369	72.699	ng		99
77)	Benzidine	12.416	184	163251	37.429	ng		99
78)	Pyrene	12.510	202	903476	60.690	ng		99
80)	Butylbenzylphthalate	13.133	149	360213	62.927	ng		99
81)	Benzo(a)anthracene	13.698	228	733914	63.121	ng		99
82)	3,3'-Dichlorobenzidine	13.663	252	224026	66.676	ng		97
83)	Chrysene	13.733	228	691993	62.771	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.686	149	478748	68.986	ng		99
85)	Di-n-octyl phthalate	14.298	149	590912	55.598	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.374	276	662240	64.197	ng		100
88)	Benzo(b)fluoranthene	14.704	252	528592	60.567	ng		99
89)	Benzo(k)fluoranthene	14.727	252	541519	60.937	ng		99
90)	Benzo(a)pyrene	15.027	252	446200	61.429	ng		98
91)	Dibenzo(a,h)anthracene	16.380	278	544376	64.379	ng		99
92)	Benzo(g,h,i)perylene	16.757	276	555586	70.545	ng		99

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

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