Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132797.D
Acq On : 15 Mar 2023 11:54
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 15 13:07:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 15:35:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	229254	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	825343	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	438336	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	827694	20.000	ng		0.00
76) Chrysene-d12	14.162	240	425403	20.000	ng		0.00
86) Perylene-d12	15.692	264	425852	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	1100423	77.903	ng		0.00
7) Phenol-d6	6.604	99	1413636	76.682	ng		0.00
23) Nitrobenzene-d5	7.539	82	1273584	73.211	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	371579	78.494	ng		0.00
45) 2-Fluorobiphenyl	9.327	172	2034556	70.675	ng		0.00
79) Terphenyl-d14	13.092	244	2178423	86.580	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	294736	37.721	ng		94
3) Pyridine	3.593	79	763147	36.795	ng		95
4) n-Nitrosodimethylamine	3.563	42	259222	33.088	ng		79
6) Aniline	6.634	93	1012682	40.819	ng		97
8) 2-Chlorophenol	6.757	128	582841	39.756	ng		96
9) Benzaldehyde	6.522	77	363122	36.504	ng		98
10) Phenol	6.616	94	825893	39.076	ng		94
11) bis(2-Chloroethyl)ether	6.704	93	648329	39.735	ng		95
12) 1,3-Dichlorobenzene	6.910	146	613883	39.020	ng		97
13) 1,4-Dichlorobenzene	6.986	146	613219	39.035	ng		99
14) 1,2-Dichlorobenzene	7.139	146	556164	36.890	ng		99
15) Benzyl Alcohol	7.110	79	537553	37.862	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.239	45	753355	36.208	ng		97
17) 2-Methylphenol	7.222	107	542991	39.685	ng		96
18) Hexachloroethane	7.481	117	237687	38.728	ng		91
19) n-Nitroso-di-n-propyla...	7.381	70	381379	33.614	ng		92
20) 3+4-Methylphenols	7.375	107	585349	33.114	ng	#	87
22) Acetophenone	7.381	105	728802	35.019	ng	#	89
24) Nitrobenzene	7.557	77	692141	37.202	ng		98
25) Isophorone	7.792	82	1275377	38.240	ng		98
26) 2-Nitrophenol	7.869	139	336353	40.975	ng		94
27) 2,4-Dimethylphenol	7.904	122	512172	39.532	ng		97
28) bis(2-Chloroethoxy)met...	7.992	93	783492	40.157	ng		99
29) 2,4-Dichlorophenol	8.110	162	511788	39.711	ng		98
30) 1,2,4-Trichlorobenzene	8.192	180	548743	39.212	ng		98
31) Naphthalene	8.275	128	1612951	38.174	ng		100
32) Benzoic acid	8.033	122	342561m	34.708	ng		
33) 4-Chloroaniline	8.322	127	747268	41.272	ng		96
34) Hexachlorobutadiene	8.380	225	346538	38.969	ng		99
35) Caprolactam	8.710	113	175077	41.206	ng		96
36) 4-Chloro-3-methylphenol	8.804	107	553106	39.079	ng		95
37) 2-Methylnaphthalene	8.963	142	1111285	38.594	ng		99
38) 1-Methylnaphthalene	9.063	142	1041468	38.702	ng		99
40) 1,2,4,5-Tetrachloroben...	9.133	216	577431	40.263	ng		99
41) Hexachlorocyclopentadiene	9.116	237	256476	32.972	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	381947	39.299	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.292	196	439730	38.765	ng		98
46)	1,1'-Biphenyl	9.427	154	1296488	39.078	ng		99
47)	2-Chloronaphthalene	9.457	162	1032667	39.259	ng		100
48)	2-Nitroaniline	9.557	65	358460	37.001	ng		89
49)	Acenaphthylene	9.874	152	1618583	38.663	ng		100
50)	Dimethylphthalate	9.727	163	1302795	40.819	ng		99
51)	2,6-Dinitrotoluene	9.798	165	296802	40.833	ng		89
52)	Acenaphthene	10.045	154	1029699m	38.735	ng		
53)	3-Nitroaniline	9.969	138	337511	41.510	ng		100
54)	2,4-Dinitrophenol	10.080	184	167821	37.639	ng		89
55)	Dibenzofuran	10.222	168	1482614	38.257	ng		99
56)	4-Nitrophenol	10.133	139	227125	37.456	ng		86
57)	2,4-Dinitrotoluene	10.204	165	381703	39.473	ng		96
58)	Fluorene	10.563	166	1138370	38.403	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.339	232	329597	39.115	ng		98
60)	Diethylphthalate	10.427	149	1214583	38.965	ng		99
61)	4-Chlorophenyl-phenyle...	10.551	204	609606	39.642	ng		93
62)	4-Nitroaniline	10.592	138	324716	40.684	ng		88
63)	Azobenzene	10.710	77	1247373	37.785	ng		98
65)	4,6-Dinitro-2-methylph...	10.616	198	228289	40.743	ng		100
66)	n-Nitrosodiphenylamine	10.669	169	1027941	39.837	ng		99
67)	4-Bromophenyl-phenylether	11.045	248	389207	41.571	ng		93
68)	Hexachlorobenzene	11.116	284	404819	41.092	ng		98
69)	Atrazine	11.198	200	325469	40.402	ng		99
70)	Pentachlorophenol	11.310	266	218833	37.335	ng		99
71)	Phenanthrene	11.533	178	1632405	38.070	ng		99
72)	Anthracene	11.586	178	1693604	38.356	ng		100
73)	Carbazole	11.739	167	1494154	37.532	ng		99
74)	Di-n-butylphthalate	12.051	149	1827624	39.137	ng		100
75)	Fluoranthene	12.727	202	1733195	36.975	ng		99
77)	Benzidine	12.845	184	416719	40.241	ng		100
78)	Pyrene	12.957	202	1741453	45.026	ng		99
80)	Butylbenzylphthalate	13.563	149	653874	42.842	ng		97
81)	Benzo(a)anthracene	14.151	228	1277471	40.135	ng		98
82)	3,3'-Dichlorobenzidine	14.110	252	370522	39.485	ng	#	96
83)	Chrysene	14.186	228	1198841	40.277	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.115	149	773377	41.248	ng		99
85)	Di-n-octyl phthalate	14.733	149	1207071	44.056	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.280	276	1277423	45.780	ng		100
88)	Benzo(b)fluoranthene	15.233	252	1099894	38.541	ng		98
89)	Benzo(k)fluoranthene	15.268	252	1052726	37.691	ng		99
90)	Benzo(a)pyrene	15.627	252	1062233	39.770	ng		98
91)	Dibenzo(a,h)anthracene	17.292	278	1049099	46.145	ng		98
92)	Benzo(g,h,i)perylene	17.756	276	1096707	42.864	ng		99

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

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