Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031422\
Data File : BF127311.D
Acq On : 14 Mar 2022 10:15
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 12:17:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	121029	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	421447	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	237691	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	411484	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	283156	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	224945	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	561473	74.577	ng		0.00
7) Phenol-d6	6.504	99	766624	74.021	ng		0.00
23) Nitrobenzene-d5	7.440	82	744983	73.002	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	187296	73.199	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1197871	71.250	ng		0.00
79) Terphenyl-d14	12.986	244	1284551	78.117	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	141211	36.174	ng	#	84
3) Pyridine	3.434	79	376397	36.234	ng	#	77
4) n-Nitrosodimethylamine	3.422	42	198223	34.441	ng	#	66
6) Aniline	6.540	93	475344	38.404	ng		94
8) 2-Chlorophenol	6.657	128	292440	37.547	ng		93
9) Benzaldehyde	6.428	77	198466	35.086	ng		97
10) Phenol	6.516	94	430212	37.814	ng		83
11) bis(2-Chloroethyl)ether	6.610	93	322895	38.218	ng		93
12) 1,3-Dichlorobenzene	6.810	146	329636	37.704	ng		97
13) 1,4-Dichlorobenzene	6.887	146	332277	37.885	ng		99
14) 1,2-Dichlorobenzene	7.040	146	303150	36.725	ng		98
15) Benzyl Alcohol	7.016	79	285009	36.714	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.140	45	599520	37.812	ng		100
17) 2-Methylphenol	7.122	107	248220	37.488	ng	#	92
18) Hexachloroethane	7.381	117	124916	37.076	ng	#	75
19) n-Nitroso-di-n-propyla...	7.287	70	230139	35.608	ng		89
20) 3+4-Methylphenols	7.281	107	297886	34.691	ng	#	85
22) Acetophenone	7.287	105	397806	34.475	ng	#	95
24) Nitrobenzene	7.457	77	360260	37.325	ng		94
25) Isophorone	7.692	82	616523	37.571	ng		97
26) 2-Nitrophenol	7.769	139	154308	38.604	ng	#	77
27) 2,4-Dimethylphenol	7.804	122	232787	38.795	ng		96
28) bis(2-Chloroethoxy)met...	7.904	93	400202	38.491	ng		98
29) 2,4-Dichlorophenol	8.016	162	260992	37.980	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	298028	38.042	ng		98
31) Naphthalene	8.175	128	840125	37.369	ng		99
32) Benzoic acid	7.945	122	154232	38.500	ng		89
33) 4-Chloroaniline	8.228	127	324532	37.242	ng	#	92
34) Hexachlorobutadiene	8.287	225	192784	36.902	ng		98
35) Caprolactam	8.610	113	79402	38.679	ng	#	87
36) 4-Chloro-3-methylphenol	8.710	107	279037	37.465	ng		100
37) 2-Methylnaphthalene	8.869	142	546120	37.177	ng		96
38) 1-Methylnaphthalene	8.969	142	528339	37.412	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	281265	37.380	ng	#	95
41) Hexachlorocyclopentadiene	9.010	237	114386	39.668	ng		93
43) 2,4,6-Trichlorophenol	9.145	196	183581	38.656	ng		97

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44) 2,4,5-Trichlorophenol	9.192	196	197870	39.258	ng	#	87
46) 1,1'-Biphenyl	9.334	154	669607	37.326	ng		97
47) 2-Chloronaphthalene	9.357	162	533116	38.176	ng		100
48) 2-Nitroaniline	9.457	65	206698	38.470	ng		89
49) Acenaphthylene	9.775	152	801210	37.491	ng		99
50) Dimethylphthalate	9.633	163	632954	37.162	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	133938	38.876	ng		95
52) Acenaphthene	9.945	154	468725	36.795	ng		96
53) 3-Nitroaniline	9.875	138	142973	38.081	ng		96
54) 2,4-Dinitrophenol	9.981	184	61894	34.877	ng		97
55) Dibenzofuran	10.122	168	725993	36.684	ng		98
56) 4-Nitrophenol	10.039	139	90167	39.512	ng		82
57) 2,4-Dinitrotoluene	10.110	165	172003	37.945	ng	#	90
58) Fluorene	10.463	166	548636	35.752	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	171547	40.956	ng	#	75
60) Diethylphthalate	10.333	149	572024	36.819	ng		95
61) 4-Chlorophenyl-phenyle...	10.451	204	304574	36.623	ng	#	87
62) 4-Nitroaniline	10.492	138	140532	37.562	ng	#	83
63) Azobenzene	10.616	77	671710	37.612	ng		89
65) 4,6-Dinitro-2-methylph...	10.516	198	102474	40.391	ng		83
66) n-Nitrosodiphenylamine	10.575	169	480709	37.616	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	188513	38.005	ng		90
68) Hexachlorobenzene	11.010	284	204589	37.846	ng	#	88
69) Atrazine	11.098	200	172901	39.208	ng		94
70) Pentachlorophenol	11.210	266	90771m	41.588	ng		
71) Phenanthrene	11.428	178	792666	36.492	ng		99
72) Anthracene	11.480	178	796557	37.029	ng		99
73) Carbazole	11.639	167	744016	36.727	ng		97
74) Di-n-butylphthalate	11.957	149	879693	37.127	ng		100
75) Fluoranthene	12.622	202	883364	36.371	ng		92
77) Benzidine	12.739	184	270066	37.506	ng		98
78) Pyrene	12.851	202	884777	40.117	ng		99
80) Butylbenzylphthalate	13.457	149	347505	40.941	ng	#	95
81) Benzo(a)anthracene	14.039	228	732302	38.410	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	220294	37.161	ng	#	97
83) Chrysene	14.074	228	685915	38.680	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	449533	39.343	ng	#	97
85) Di-n-octyl phthalate	14.627	149	682131	39.443	ng		97
87) Indeno(1,2,3-cd)pyrene	17.039	276	545744	40.273	ng	#	86
88) Benzo(b)fluoranthene	15.098	252	543984	36.842	ng	#	93
89) Benzo(k)fluoranthene	15.127	252	556643	40.094	ng	#	93
90) Benzo(a)pyrene	15.468	252	448381	38.563	ng	#	93
91) Dibenzo(a,h)anthracene	17.057	278	456387	40.466	ng	#	92
92) Benzo(g,h,i)perylene	17.504	276	449573	40.865	ng	#	86

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

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