Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
Data File : BF132848.D
Acq On : 11 Apr 2023 13:27
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 12 03:02:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 12 02:57:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	198268	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	796561	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	400385	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	707961	20.000	ng		0.00
76) Chrysene-d12	13.921	240	495868	20.000	ng		0.00
86) Perylene-d12	15.345	264	375360	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	555986	43.564	ng		0.00
7) Phenol-d6	6.392	99	713231	43.331	ng		0.00
23) Nitrobenzene-d5	7.334	82	654078	42.490	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	142034	39.916	ng		0.00
45) 2-Fluorobiphenyl	9.128	172	1144521	45.221	ng		0.00
79) Terphenyl-d14	12.868	244	1155637	40.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	66	7.680	ng	#	100
3) Pyridine	3.187	79	374731	21.382	ng		98
4) n-Nitrosodimethylamine	3.122	42	179753	21.242	ng		98
6) Aniline	6.428	93	457269	21.492	ng		99
8) 2-Chlorophenol	6.551	128	279244	21.753	ng		96
9) Benzaldehyde	6.316	77	230960	22.871	ng		96
10) Phenol	6.404	94	406456m	21.934	ng		
11) bis(2-Chloroethyl)ether	6.504	93	298308	21.711	ng		98
12) 1,3-Dichlorobenzene	6.710	146	308409	21.774	ng		99
13) 1,4-Dichlorobenzene	6.787	146	311184	21.796	ng		98
14) 1,2-Dichlorobenzene	6.939	146	294966	21.999	ng		99
15) Benzyl Alcohol	6.910	79	230606	21.548	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	500108	21.800	ng		100
17) 2-Methylphenol	7.016	107	252788	21.597	ng		98
18) Hexachloroethane	7.286	117	106356	21.640	ng		97
19) n-Nitroso-di-n-propyla...	7.181	70	203495	21.715	ng		95
20) 3+4-Methylphenols	7.175	107	315972	22.588	ng		90
22) Acetophenone	7.181	105	409301	21.682	ng	#	97
24) Nitrobenzene	7.351	77	334324	21.434	ng		98
25) Isophorone	7.592	82	571446	20.820	ng		100
26) 2-Nitrophenol	7.669	139	111755	20.086	ng		94
27) 2,4-Dimethylphenol	7.704	122	235240	20.927	ng		99
28) bis(2-Chloroethoxy)met...	7.804	93	345723	21.227	ng		99
29) 2,4-Dichlorophenol	7.904	162	224773	21.064	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	249970	21.216	ng		99
31) Naphthalene	8.075	128	874732	21.519	ng		99
32) Benzoic acid	7.792	122	76318	19.100	ng		96
33) 4-Chloroaniline	8.122	127	345267	21.382	ng		97
34) Hexachlorobutadiene	8.198	225	135494	21.125	ng		98
35) Caprolactam	8.480	113	51804	20.134	ng		96
36) 4-Chloro-3-methylphenol	8.598	107	239254	21.017	ng		96
37) 2-Methylnaphthalene	8.763	142	589706	21.692	ng		100
38) 1-Methylnaphthalene	8.863	142	544330	21.468	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	236662	21.174	ng		98
41) Hexachlorocyclopentadiene	8.922	237	125389	20.839	ng		95
43) 2,4,6-Trichlorophenol	9.039	196	141075	20.546	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.075	196	170230	20.992	ng		96
46)	1,1'-Biphenyl	9.228	154	690456	21.396	ng		98
47)	2-Chloronaphthalene	9.251	162	499491	21.144	ng		99
48)	2-Nitroaniline	9.345	65	127415	19.737	ng		90
49)	Acenaphthylene	9.669	152	820261	21.480	ng		98
50)	Dimethylphthalate	9.527	163	544754	21.070	ng		100
51)	2,6-Dinitrotoluene	9.586	165	122843	20.827	ng		97
52)	Acenaphthene	9.839	154	524659	21.382	ng		98
53)	3-Nitroaniline	9.751	138	145167	21.275	ng		94
54)	2,4-Dinitrophenol	9.851	184	45146	18.109	ng	#	70
55)	Dibenzofuran	10.010	168	754104	21.681	ng		99
56)	4-Nitrophenol	9.898	139	109124	20.290	ng		88
57)	2,4-Dinitrotoluene	9.986	165	152327	20.787	ng		98
58)	Fluorene	10.351	166	557378	21.726	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.122	232	126008	20.404	ng		100
60)	Diethylphthalate	10.233	149	457914	20.837	ng		99
61)	4-Chlorophenyl-phenyle...	10.345	204	262596	21.514	ng		94
62)	4-Nitroaniline	10.363	138	134450	20.630	ng		100
63)	Azobenzene	10.504	77	613262	21.423	ng		97
65)	4,6-Dinitro-2-methylph...	10.392	198	62386	18.774	ng		90
66)	n-Nitrosodiphenylamine	10.463	169	449876	20.825	ng		99
67)	4-Bromophenyl-phenylether	10.833	248	156226	20.790	ng	#	90
68)	Hexachlorobenzene	10.898	284	161538	20.764	ng		94
69)	Atrazine	10.986	200	109821	20.736	ng		98
70)	Pentachlorophenol	11.086	266	104286	20.352	ng		99
71)	Phenanthrene	11.310	178	833969	21.478	ng		99
72)	Anthracene	11.363	178	848823	21.383	ng		99
73)	Carbazole	11.516	167	742071	21.369	ng		99
74)	Di-n-butylphthalate	11.857	149	404905	18.372	ng		99
75)	Fluoranthene	12.492	202	817152	21.020	ng		98
77)	Benzidine	12.616	184	42891	18.446	ng		97
78)	Pyrene	12.721	202	853469	20.149	ng		99
80)	Butylbenzylphthalate	13.351	149	24512	20.967	ng		91
81)	Benzo(a)anthracene	13.910	228	718086	21.054	ng		99
82)	3,3'-Dichlorobenzidine	13.874	252	107384	19.490	ng	#	96
83)	Chrysene	13.945	228	699239	20.827	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.915	149	39171	18.717	ng		95
85)	Di-n-octyl phthalate	14.521	149	57910	19.725	ng	#	77
87)	Indeno(1,2,3-cd)pyrene	16.739	276	388527	18.497	ng		100
88)	Benzo(b)fluoranthene	14.939	252	541095	22.336	ng		99
89)	Benzo(k)fluoranthene	14.962	252	553218	22.232	ng		98
90)	Benzo(a)pyrene	15.286	252	454423	20.914	ng		98
91)	Dibenzo(a,h)anthracene	16.756	278	327145	18.679	ng		98
92)	Benzo(g,h,i)perylene	17.156	276	327593	18.463	ng		99

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

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