Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012423\
Data File : BF132190.D
Acq On : 24 Jan 2023 12:36
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 25 01:14:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 01:10:22 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	289835	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	966721	20.000	ng	0.00
39) Acenaphthene-d10	10.137	164	525864	20.000	ng	0.00
64) Phenanthrene-d10	11.637	188	991596	20.000	ng	0.00
76) Chrysene-d12	14.301	240	548862	20.000	ng	# 0.00
86) Perylene-d12	15.889	264	506257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	1536530	95.582	ng	0.00
7) Phenol-d6	6.702	99	1878109	94.902	ng	0.00
23) Nitrobenzene-d5	7.654	82	1827394	101.239	ng	0.00
42) 2,4,6-Tribromophenol	10.931	330	536226	108.564	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	3270795	94.216	ng	0.00
79) Terphenyl-d14	13.231	244	3516285	100.387	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	400621	48.826	ng	99
3) Pyridine	3.784	79	1087017	48.453	ng	98
4) n-Nitrosodimethylamine	3.755	42	499049	49.677	ng	97
6) Aniline	6.754	93	1315440m	47.337	ng	
8) 2-Chlorophenol	6.866	128	805193	48.427	ng	98
9) Benzaldehyde	6.637	77	572693	40.348	ng	100
10) Phenol	6.713	94	985896	47.479	ng	93
11) bis(2-Chloroethyl)ether	6.819	93	822156	46.915	ng	98
12) 1,3-Dichlorobenzene	7.025	146	921645	46.984	ng	99
13) 1,4-Dichlorobenzene	7.102	146	928103	47.312	ng	99
14) 1,2-Dichlorobenzene	7.260	146	851300	46.589	ng	98
15) Benzyl Alcohol	7.219	79	801026	50.527	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.354	45	1033567	43.661	ng	99
17) 2-Methylphenol	7.319	107	716268	48.261	ng	98
18) Hexachloroethane	7.601	117	340037	49.933	ng	99
19) n-Nitroso-di-n-propyla...	7.496	70	603341	46.043	ng	96
20) 3+4-Methylphenols	7.478	107	891218	47.785	ng	96
22) Acetophenone	7.496	105	1102756	47.266	ng	98
24) Nitrobenzene	7.672	77	941767	49.380	ng	97
25) Isophorone	7.907	82	1696848	49.355	ng	99
26) 2-Nitrophenol	7.984	139	396954	56.479	ng	97
27) 2,4-Dimethylphenol	8.007	122	730618	51.073	ng	99
28) bis(2-Chloroethoxy)met...	8.113	93	958680	47.719	ng	99
29) 2,4-Dichlorophenol	8.219	162	745723	52.028	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	840135	49.150	ng	99
31) Naphthalene	8.396	128	2232365	47.311	ng	100
32) Benzoic acid	8.131	122	463869m	55.674	ng	
33) 4-Chloroaniline	8.437	127	992116	48.570	ng	97
34) Hexachlorobutadiene	8.507	225	581790	50.504	ng	98
35) Caprolactam	8.825	113	204393	55.544	ng	93
36) 4-Chloro-3-methylphenol	8.907	107	719317	51.457	ng	97
37) 2-Methylnaphthalene	9.090	142	1636660	47.811	ng	99
38) 1-Methylnaphthalene	9.190	142	1508084	47.810	ng	100
40) 1,2,4,5-Tetrachloroben...	9.254	216	918241	49.752	ng	99
41) Hexachlorocyclopentadiene	9.237	237	538142	54.165	ng	99
43) 2,4,6-Trichlorophenol	9.360	196	584671	54.150	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.396	196	679689	53.726	ng		98
46)	1,1'-Biphenyl	9.554	154	1886692	47.793	ng		98
47)	2-Chloronaphthalene	9.584	162	1504525	48.934	ng		98
48)	2-Nitroaniline	9.672	65	438869	55.382	ng		98
49)	Acenaphthylene	10.001	152	2249007	47.921	ng		99
50)	Dimethylphthalate	9.854	163	1786071	50.905	ng		99
51)	2,6-Dinitrotoluene	9.913	165	405465	54.535	ng		92
52)	Acenaphthene	10.172	154	1451636	49.042	ng		99
53)	3-Nitroaniline	10.090	138	427292	54.375	ng		92
54)	2,4-Dinitrophenol	10.184	184	186355	54.897	ng	#	69
55)	Dibenzofuran	10.348	168	2110230	47.909	ng		98
56)	4-Nitrophenol	10.225	139	306741	56.321	ng		92
57)	2,4-Dinitrotoluene	10.319	165	514219	55.553	ng		89
58)	Fluorene	10.690	166	1640911	48.224	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.454	232	519224	54.914	ng		93
60)	Diethylphthalate	10.554	149	1730344	51.494	ng		98
61)	4-Chlorophenyl-phenyle...	10.678	204	949461	49.315	ng		99
62)	4-Nitroaniline	10.707	138	404962	53.422	ng		99
63)	Azobenzene	10.842	77	1630888	47.488	ng		95
65)	4,6-Dinitro-2-methylph...	10.731	198	262346	54.789	ng		91
66)	n-Nitrosodiphenylamine	10.795	169	1442309	48.844	ng		99
67)	4-Bromophenyl-phenylether	11.172	248	596966	50.363	ng		99
68)	Hexachlorobenzene	11.242	284	592346	50.881	ng	#	91
69)	Atrazine	11.319	200	482058	51.851	ng		98
70)	Pentachlorophenol	11.431	266	422564	54.293	ng		99
71)	Phenanthrene	11.660	178	2360792	47.917	ng		100
72)	Anthracene	11.713	178	2411835	48.275	ng		99
73)	Carbazole	11.866	167	2045938	48.589	ng		99
74)	Di-n-butylphthalate	12.189	149	2443883	52.156	ng		100
75)	Fluoranthene	12.860	202	2496053	48.441	ng		100
77)	Benzidine	12.972	184	682962	48.844	ng		98
78)	Pyrene	13.095	202	2518276	51.655	ng		99
80)	Butylbenzylphthalate	13.701	149	820065	57.631	ng		99
81)	Benzo(a)anthracene	14.289	228	1957722	50.139	ng		100
82)	3,3'-Dichlorobenzidine	14.242	252	556659	53.491	ng		97
83)	Chrysene	14.325	228	1807677	49.570	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.260	149	1075722	55.790	ng		100
85)	Di-n-octyl phthalate	14.895	149	1482867	55.276	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.548	276	1925787	55.375	ng		99
88)	Benzo(b)fluoranthene	15.407	252	1615590	49.800	ng		98
89)	Benzo(k)fluoranthene	15.442	252	1656726	50.018	ng		99
90)	Benzo(a)pyrene	15.824	252	1591119	52.395	ng		100
91)	Dibenzo(a,h)anthracene	17.571	278	1579090	54.981	ng		99
92)	Benzo(g,h,i)perylene	18.060	276	1593240	54.796	ng		99

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

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