Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132262.D
Acq On : 01 Feb 2023 16:11
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 02 00:54:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	196528	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	698525	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	332258	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	601038	20.000	ng	0.00
76) Chrysene-d12	14.283	240	390297	20.000	ng	# 0.00
86) Perylene-d12	15.865	264	355725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	951161	77.795	ng	0.00
7) Phenol-d6	6.684	99	1153021	76.493	ng	0.00
23) Nitrobenzene-d5	7.637	82	965125	76.886	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	275152	80.529	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	1586161	73.721	ng	0.00
79) Terphenyl-d14	13.213	244	1627711	80.673	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.984	88	238361	41.433	ng	98
3) Pyridine	3.749	79	619556	39.697	ng	98
4) n-Nitrosodimethylamine	3.707	42	189283	37.902	ng	95
6) Aniline	6.731	93	786049	38.429	ng	98
8) 2-Chlorophenol	6.854	128	500987	39.563	ng	97
9) Benzaldehyde	6.625	77	324245	37.731	ng	98
10) Phenol	6.695	94	599746	38.441	ng	98
11) bis(2-Chloroethyl)ether	6.801	93	491933	38.312	ng	96
12) 1,3-Dichlorobenzene	7.013	146	530054	39.577	ng	98
13) 1,4-Dichlorobenzene	7.090	146	532455	39.828	ng	99
14) 1,2-Dichlorobenzene	7.243	146	488156	39.153	ng	99
15) Benzyl Alcohol	7.201	79	418521	38.052	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.337	45	495143	36.601	ng	98
17) 2-Methylphenol	7.307	107	427564	38.572	ng	99
18) Hexachloroethane	7.584	117	194468	38.775	ng	93
19) n-Nitroso-di-n-propyla...	7.478	70	299305	34.957	ng	98
20) 3+4-Methylphenols	7.460	107	546142	38.603	ng	99
22) Acetophenone	7.478	105	627299	38.186	ng	98
24) Nitrobenzene	7.654	77	498359	38.861	ng	97
25) Isophorone	7.890	82	893422	37.499	ng	98
26) 2-Nitrophenol	7.966	139	264951	42.416	ng	98
27) 2,4-Dimethylphenol	7.995	122	438770	40.131	ng	98
28) bis(2-Chloroethoxy)met...	8.095	93	562618	38.427	ng	100
29) 2,4-Dichlorophenol	8.207	162	393279	40.514	ng	97
30) 1,2,4-Trichlorobenzene	8.295	180	418462	40.256	ng	98
31) Naphthalene	8.378	128	1344573	39.105	ng	99
32) Benzoic acid	8.090	122	322441m	39.842	ng	
33) 4-Chloroaniline	8.425	127	598065	39.226	ng	98
34) Hexachlorobutadiene	8.489	225	237299	40.607	ng	98
35) Caprolactam	8.795	113	129738m	39.204	ng	
36) 4-Chloro-3-methylphenol	8.889	107	407944	39.009	ng	99
37) 2-Methylnaphthalene	9.072	142	904549	38.838	ng	100
38) 1-Methylnaphthalene	9.172	142	844538	39.020	ng	100
40) 1,2,4,5-Tetrachloroben...	9.236	216	382039	40.859	ng	99
41) Hexachlorocyclopentadiene	9.225	237	228424	41.873	ng	99
43) 2,4,6-Trichlorophenol	9.342	196	273817	40.968	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	318317	41.378	ng		98
46) 1,1'-Biphenyl	9.536	154	1023870	39.971	ng		99
47) 2-Chloronaphthalene	9.566	162	781727	40.068	ng		99
48) 2-Nitroaniline	9.654	65	226477	39.032	ng		92
49) Acenaphthylene	9.984	152	1265606	39.748	ng		100
50) Dimethylphthalate	9.831	163	916485	39.433	ng		98
51) 2,6-Dinitrotoluene	9.895	165	213622	41.155	ng		93
52) Acenaphthene	10.160	154	785209	39.389	ng		98
53) 3-Nitroaniline	10.066	138	255222	40.545	ng		96
54) 2,4-Dinitrophenol	10.166	184	110858	39.178	ng	#	8
55) Dibenzofuran	10.331	168	1096304	39.141	ng		97
56) 4-Nitrophenol	10.207	139	193823	40.918	ng		92
57) 2,4-Dinitrotoluene	10.301	165	278732	41.338	ng		93
58) Fluorene	10.672	166	827830	38.404	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	229117	40.853	ng		99
60) Diethylphthalate	10.536	149	913958	39.529	ng		99
61) 4-Chlorophenyl-phenyle...	10.660	204	399553	39.057	ng		96
62) 4-Nitroaniline	10.683	138	238060	39.437	ng		98
63) Azobenzene	10.825	77	843107	37.436	ng		97
65) 4,6-Dinitro-2-methylph...	10.707	198	152174	44.610	ng		90
66) n-Nitrosodiphenylamine	10.778	169	748029	39.745	ng		100
67) 4-Bromophenyl-phenylether	11.154	248	247936	40.285	ng		94
68) Hexachlorobenzene	11.225	284	266150	40.459	ng		96
69) Atrazine	11.301	200	227739	42.069	ng		97
70) Pentachlorophenol	11.413	266	191170	42.296	ng		100
71) Phenanthrene	11.648	178	1234133	39.294	ng		99
72) Anthracene	11.695	178	1253960	39.231	ng		99
73) Carbazole	11.848	167	1143700	39.906	ng		100
74) Di-n-butylphthalate	12.172	149	1359504	40.124	ng		100
75) Fluoranthene	12.842	202	1272368	39.699	ng		98
77) Benzidine	12.960	184	516027	37.817	ng		100
78) Pyrene	13.077	202	1289152	41.066	ng		99
80) Butylbenzylphthalate	13.683	149	588068	42.401	ng		94
81) Benzo(a)anthracene	14.271	228	1084469	39.727	ng		99
82) 3,3'-Dichlorobenzidine	14.230	252	341482	39.276	ng		100
83) Chrysene	14.313	228	1018336	39.839	ng		99
84) Bis(2-ethylhexyl)phtha...	14.242	149	776384	41.414	ng		99
85) Di-n-octyl phthalate	14.877	149	1120957	36.660	ng		99
87) Indeno(1,2,3-cd)pyrene	17.518	276	975362	41.265	ng		99
88) Benzo(b)fluoranthene	15.389	252	892151	39.456	ng		99
89) Benzo(k)fluoranthene	15.424	252	879109	40.731	ng		99
90) Benzo(a)pyrene	15.801	252	841549	39.968	ng		99
91) Dibenzo(a,h)anthracene	17.536	278	792074	41.680	ng		98
92) Benzo(g,h,i)perylene	18.024	276	799574	40.727	ng		98

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

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