Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134051.D
Acq On : 30 Jun 2023 14:12
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 30 18:36:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	139619	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	499742	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	245985	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	490429	20.000	ng	0.00
76) Chrysene-d12	14.051	240	277056	20.000	ng	0.00
86) Perylene-d12	15.551	264	226964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	659823	79.053	ng	0.00
7) Phenol-d6	6.493	99	794238	77.376	ng	0.00
23) Nitrobenzene-d5	7.422	82	754247	81.358	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	256798	83.264	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1365028	80.680	ng	0.00
79) Terphenyl-d14	12.986	244	1441028	83.709	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	134208	38.996	ng	100
3) Pyridine	3.434	79	371523	41.445	ng	97
4) n-Nitrosodimethylamine	3.404	42	212118	41.430	ng	97
6) Aniline	6.522	93	492598	39.437	ng	97
8) 2-Chlorophenol	6.640	128	331459	39.120	ng	99
9) Benzaldehyde	6.410	77	227585	40.477	ng	100
10) Phenol	6.510	94	416868	38.626	ng	88
11) bis(2-Chloroethyl)ether	6.593	93	306985	38.635	ng	99
12) 1,3-Dichlorobenzene	6.793	146	361606	40.032	ng	99
13) 1,4-Dichlorobenzene	6.869	146	360245	39.484	ng	98
14) 1,2-Dichlorobenzene	7.022	146	332207	38.878	ng	99
15) Benzyl Alcohol	6.998	79	314882	39.792	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	519795	36.978	ng	98
17) 2-Methylphenol	7.110	107	298199	39.303	ng	98
18) Hexachloroethane	7.357	117	136344	40.303	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	244523	37.564	ng	97
20) 3+4-Methylphenols	7.263	107	347534	37.757	ng	95
22) Acetophenone	7.263	105	448485	39.461	ng	96
24) Nitrobenzene	7.440	77	376043	40.140	ng	98
25) Isophorone	7.675	82	669763	39.751	ng	99
26) 2-Nitrophenol	7.751	139	184389	41.029	ng	98
27) 2,4-Dimethylphenol	7.787	122	280700	39.458	ng	95
28) bis(2-Chloroethoxy)met...	7.881	93	382037	39.159	ng	100
29) 2,4-Dichlorophenol	7.992	162	282236	40.010	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	295895	40.652	ng	99
31) Naphthalene	8.157	128	952156	39.445	ng	99
32) Benzoic acid	7.916	122	190753m	35.784	ng	
33) 4-Chloroaniline	8.204	127	408838	39.594	ng	98
34) Hexachlorobutadiene	8.263	225	191948	41.805	ng	99
35) Caprolactam	8.592	113	87177	37.533	ng	98
36) 4-Chloro-3-methylphenol	8.687	107	319886	40.366	ng	97
37) 2-Methylnaphthalene	8.845	142	663876	38.891	ng	99
38) 1-Methylnaphthalene	8.945	142	617171	38.891	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	305549	41.927	ng	98
41) Hexachlorocyclopentadiene	8.992	237	130386	37.712	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	203072	40.933	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	234930	40.258	ng	96
46) 1,1'-Biphenyl	9.310	154	795125	40.296	ng	98
47) 2-Chloronaphthalene	9.339	162	575528	39.864	ng	98
48) 2-Nitroaniline	9.439	65	216089	41.069	ng	90
49) Acenaphthylene	9.757	152	971231	39.381	ng	99
50) Dimethylphthalate	9.616	163	712391	39.896	ng	100
51) 2,6-Dinitrotoluene	9.681	165	157585	40.975	ng	91
52) Acenaphthene	9.928	154	566521	39.588	ng	98
53) 3-Nitroaniline	9.851	138	184615	40.013	ng	96
54) 2,4-Dinitrophenol	9.963	184	85905	40.673	ng	95
55) Dibenzofuran	10.098	168	879700	39.334	ng	97
56) 4-Nitrophenol	10.016	139	124036	38.433	ng	95
57) 2,4-Dinitrotoluene	10.086	165	205876	40.535	ng	90
58) Fluorene	10.445	166	693339	39.848	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.216	232	182640	39.678	ng	99
60) Diethylphthalate	10.316	149	756249	40.651	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	336959	40.185	ng	96
62) 4-Nitroaniline	10.469	138	183704	39.508	ng	90
63) Azobenzene	10.598	77	711799	40.450	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	114994	43.008	ng	100
66) n-Nitrosodiphenylamine	10.557	169	607490	38.769	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	211588	40.591	ng	95
68) Hexachlorobenzene	10.992	284	226006	40.835	ng	97
69) Atrazine	11.086	200	163721	37.774	ng	98
70) Pentachlorophenol	11.192	266	133559	40.359	ng	98
71) Phenanthrene	11.410	178	970358	39.303	ng	100
72) Anthracene	11.463	178	998188	38.871	ng	100
73) Carbazole	11.622	167	922831	39.262	ng	99
74) Di-n-butylphthalate	11.951	149	1149298	41.118	ng	100
75) Fluoranthene	12.610	202	1049964	39.338	ng	98
77) Benzidine	12.727	184	306229	46.452	ng	99
78) Pyrene	12.839	202	1054335	40.891	ng	99
80) Butylbenzylphthalate	13.457	149	420172	43.450	ng	98
81) Benzo(a)anthracene	14.039	228	769563	40.051	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	243554	40.009	ng	99
83) Chrysene	14.074	228	728647	39.153	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	479496	43.153	ng	99
85) Di-n-octyl phthalate	14.639	149	669636	41.014	ng	100
87) Indeno(1,2,3-cd)pyrene	17.109	276	669857	42.533	ng	98
88) Benzo(b)fluoranthene	15.110	252	552207	41.377	ng	99
89) Benzo(k)fluoranthene	15.139	252	558326	41.090	ng	97
90) Benzo(a)pyrene	15.492	252	525026	40.684	ng	98
91) Dibenzo(a,h)anthracene	17.127	278	549611	42.726	ng	97
92) Benzo(g,h,i)perylene	17.580	276	555738	41.894	ng	98

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

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