Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136725.D
Acq On : 26 Dec 2023 18:21
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 27 03:46:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	78970	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	291514	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	140093	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	243487	20.000	ng		0.00
76) Chrysene-d12	13.968	240	130286	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	141313	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	414163	81.830	ng		0.00
7) Phenol-d6	6.439	99	507256	77.347	ng		0.00
23) Nitrobenzene-d5	7.351	82	469129	82.349	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	123856	75.068	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	849813	81.588	ng		0.00
79) Terphenyl-d14	12.904	244	731122	78.421	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	82855	39.290	ng		99
3) Pyridine	3.293	79	208723	40.566	ng		96
4) n-Nitrosodimethylamine	3.263	42	108601	39.525	ng		98
6) Aniline	6.457	93	245263	37.406	ng	#	81
8) 2-Chlorophenol	6.581	128	220654	39.839	ng		92
9) Benzaldehyde	6.345	77	147961	39.665	ng		99
10) Phenol	6.451	94	268528	38.356	ng		95
11) bis(2-Chloroethyl)ether	6.528	93	203985	38.314	ng		99
12) 1,3-Dichlorobenzene	6.728	146	243634	40.323	ng		98
13) 1,4-Dichlorobenzene	6.804	146	248726	40.288	ng		99
14) 1,2-Dichlorobenzene	6.957	146	229161	39.891	ng		99
15) Benzyl Alcohol	6.934	79	174412	39.421	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	329990	37.910	ng		96
17) 2-Methylphenol	7.051	107	174148	37.954	ng		98
18) Hexachloroethane	7.292	117	88165	39.322	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	147880	37.198	ng		99
20) 3+4-Methylphenols	7.204	107	217049	37.864	ng	#	72
22) Acetophenone	7.198	105	297838	40.762	ng		95
24) Nitrobenzene	7.369	77	236309	41.409	ng		99
25) Isophorone	7.610	82	403894	38.963	ng		99
26) 2-Nitrophenol	7.686	139	115789	42.408	ng		99
27) 2,4-Dimethylphenol	7.728	122	133602	40.193	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	250860	39.813	ng		98
29) 2,4-Dichlorophenol	7.928	162	174392	40.751	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	195888	41.083	ng		97
31) Naphthalene	8.086	128	642956	40.147	ng		99
32) Benzoic acid	7.857	122	125443m	39.003	ng		
33) 4-Chloroaniline	8.139	127	228920	38.714	ng		96
34) Hexachlorobutadiene	8.198	225	117650	40.612	ng		97
35) Caprolactam	8.522	113	51515	36.490	ng		94
36) 4-Chloro-3-methylphenol	8.628	107	184621	38.321	ng		99
37) 2-Methylnaphthalene	8.775	142	405759	39.368	ng		98
38) 1-Methylnaphthalene	8.875	142	393803	38.945	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	188213	43.381	ng		99
41) Hexachlorocyclopentadiene	8.928	237	44938	35.394	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	118146	42.461	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	126551	40.815	ng		96
46) 1,1'-Biphenyl	9.245	154	491115	41.776	ng		99
47) 2-Chloronaphthalene	9.269	162	373158	41.754	ng		99
48) 2-Nitroaniline	9.369	65	113251	40.467	ng		99
49) Acenaphthylene	9.680	152	560429	41.027	ng		99
50) Dimethylphthalate	9.545	163	397525	38.848	ng		99
51) 2,6-Dinitrotoluene	9.610	165	93587	40.299	ng	#	83
52) Acenaphthene	9.857	154	340172	40.173	ng		98
53) 3-Nitroaniline	9.780	138	92340	37.535	ng		98
54) 2,4-Dinitrophenol	9.892	184	40514	33.743	ng		93
55) Dibenzofuran	10.027	168	513489	40.004	ng		98
56) 4-Nitrophenol	9.957	139	58989	35.521	ng		92
57) 2,4-Dinitrotoluene	10.016	165	115935	38.455	ng		100
58) Fluorene	10.374	166	399111	39.187	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	91609	38.382	ng		97
60) Diethylphthalate	10.245	149	397274	37.418	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	188368	38.051	ng		99
62) 4-Nitroaniline	10.398	138	84001m	35.420	ng		
63) Azobenzene	10.527	77	372876	37.602	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	60924	43.660	ng		99
66) n-Nitrosodiphenylamine	10.486	169	333566	42.172	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	114196	42.231	ng		97
68) Hexachlorobenzene	10.921	284	126681	42.038	ng		99
69) Atrazine	11.016	200	83239	41.146	ng		98
70) Pentachlorophenol	11.121	266	56759	40.409	ng		96
71) Phenanthrene	11.339	178	511121	40.911	ng		100
72) Anthracene	11.392	178	509448	40.264	ng		100
73) Carbazole	11.551	167	471300	39.509	ng		99
74) Di-n-butylphthalate	11.880	149	559756	38.454	ng		99
75) Fluoranthene	12.533	202	505336	37.814	ng		99
77) Benzidine	12.657	184	132932	34.604	ng		98
78) Pyrene	12.763	202	512146	40.043	ng		99
80) Butylbenzylphthalate	13.386	149	190827	41.004	ng		100
81) Benzo(a)anthracene	13.957	228	372292	41.151	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	114637	44.619	ng		99
83) Chrysene	13.992	228	366721	41.452	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	251063	42.877	ng		100
85) Di-n-octyl phthalate	14.562	149	420404	46.416	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	458888	44.976	ng		100
88) Benzo(b)fluoranthene	15.015	252	365734	38.750	ng		99
89) Benzo(k)fluoranthene	15.045	252	335576	37.627	ng		97
90) Benzo(a)pyrene	15.386	252	328726	41.261	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	372940	44.554	ng		98
92) Benzo(g,h,i)perylene	17.409	276	389870	45.475	ng		99

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

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