Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135856.D
Acq On : 18 Oct 2023 19:52
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 01:42:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	91107	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	363289	20.000	ng		0.00
39) Acenaphthene-d10	9.774	164	169658	20.000	ng		-0.01
64) Phenanthrene-d10	11.274	188	334686	20.000	ng		0.00
76) Chrysene-d12	13.939	240	182831	20.000	ng		-0.01
86) Perylene-d12	15.415	264	182395	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	485947	85.754	ng		0.00
7) Phenol-d6	6.398	99	543025	76.801	ng		0.00
23) Nitrobenzene-d5	7.310	82	527660	79.884	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	158625	97.435	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	907354	83.619	ng		0.00
79) Terphenyl-d14	12.868	244	1072946	108.680	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	133448	48.823	ng		99
3) Pyridine	3.163	79	263018	39.219	ng		94
4) n-Nitrosodimethylamine	3.140	42	148703	41.232	ng		97
6) Aniline	6.410	93	343434	38.597	ng	#	74
8) 2-Chlorophenol	6.534	128	239033	39.116	ng		97
9) Benzaldehyde	6.298	77	156932	38.996	ng		98
10) Phenol	6.410	94	295395	39.872	ng		95
11) bis(2-Chloroethyl)ether	6.481	93	225515	37.778	ng		98
12) 1,3-Dichlorobenzene	6.675	146	247420	39.938	ng		98
13) 1,4-Dichlorobenzene	6.757	146	247318	39.408	ng		99
14) 1,2-Dichlorobenzene	6.910	146	225654	39.933	ng		98
15) Benzyl Alcohol	6.898	79	192650	40.978	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	405491	37.558	ng		75
17) 2-Methylphenol	7.010	107	207976	39.314	ng		97
18) Hexachloroethane	7.239	117	92394	40.604	ng		95
19) n-Nitroso-di-n-propyla...	7.163	70	172297	39.411	ng		95
20) 3+4-Methylphenols	7.169	107	265506	40.259	ng		96
22) Acetophenone	7.157	105	332134	39.864	ng		98
24) Nitrobenzene	7.333	77	264559	39.907	ng		96
25) Isophorone	7.569	82	488837	39.228	ng		97
26) 2-Nitrophenol	7.645	139	135782	41.970	ng		98
27) 2,4-Dimethylphenol	7.686	122	215132	40.394	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	294393	39.669	ng		98
29) 2,4-Dichlorophenol	7.892	162	210206	42.117	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	216107	42.334	ng		98
31) Naphthalene	8.039	128	745509	42.072	ng		99
32) Benzoic acid	7.839	122	142205m	39.446	ng		
33) 4-Chloroaniline	8.104	127	333135	43.038	ng		97
34) Hexachlorobutadiene	8.151	225	133628	44.225	ng		99
35) Caprolactam	8.492	113	71029	41.629	ng	#	86
36) 4-Chloro-3-methylphenol	8.598	107	240156	43.389	ng		98
37) 2-Methylnaphthalene	8.733	142	505139	43.268	ng		100
38) 1-Methylnaphthalene	8.833	142	456268	42.373	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	217361	44.538	ng		100
41) Hexachlorocyclopentadiene	8.880	237	17918	36.477	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	129967	41.326	ng		100

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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	147008	40.190	ng		98
46) 1,1'-Biphenyl	9.198	154	546954	42.086	ng		98
47) 2-Chloronaphthalene	9.227	162	393801	42.045	ng		97
48) 2-Nitroaniline	9.339	65	157446	42.587	ng		99
49) Acenaphthylene	9.639	152	646314	41.698	ng		99
50) Dimethylphthalate	9.504	163	472954	41.295	ng		99
51) 2,6-Dinitrotoluene	9.580	165	105377	42.785	ng		98
52) Acenaphthene	9.810	154	387515	41.711	ng		98
53) 3-Nitroaniline	9.757	138	128600	42.594	ng		95
54) 2,4-Dinitrophenol	9.880	184	38376	37.327	ng	#	83
55) Dibenzofuran	9.986	168	604846	43.148	ng		99
56) 4-Nitrophenol	9.951	139	40379	32.678	ng		95
57) 2,4-Dinitrotoluene	9.998	165	139708	44.587	ng		95
58) Fluorene	10.333	166	506510	46.154	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	115925	41.936	ng		99
60) Diethylphthalate	10.210	149	509050	43.537	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	244960	46.184	ng		94
62) 4-Nitroaniline	10.380	138	127645	45.950	ng		98
63) Azobenzene	10.486	77	528689	46.540	ng		96
65) 4,6-Dinitro-2-methylph...	10.410	198	79079	46.949	ng		98
66) n-Nitrosodiphenylamine	10.445	169	471767	46.247	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	159568	47.495	ng		94
68) Hexachlorobenzene	10.880	284	161933	47.342	ng		93
69) Atrazine	10.980	200	126699	45.662	ng		98
70) Pentachlorophenol	11.092	266	48330	35.825	ng		98
71) Phenanthrene	11.298	178	665899	41.533	ng		99
72) Anthracene	11.351	178	700838	42.184	ng		100
73) Carbazole	11.516	167	650895	42.007	ng		100
74) Di-n-butylphthalate	11.839	149	811784	42.671	ng		100
75) Fluoranthene	12.498	202	801276	45.029	ng		98
77) Benzidine	12.627	184	193104	48.403	ng		99
78) Pyrene	12.727	202	805492	55.441	ng		100
80) Butylbenzylphthalate	13.345	149	281217	44.047	ng		99
81) Benzo(a)anthracene	13.927	228	509866	42.457	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	158454	39.784	ng	#	97
83) Chrysene	13.968	228	475357	40.867	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	336952	38.940	ng	#	96
85) Di-n-octyl phthalate	14.527	149	518003	37.752	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	531368	53.467	ng		98
88) Benzo(b)fluoranthene	14.986	252	406808	39.852	ng		99
89) Benzo(k)fluoranthene	15.015	252	440325	44.430	ng		99
90) Benzo(a)pyrene	15.356	252	383999	40.004	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	443702	54.461	ng		99
92) Benzo(g,h,i)perylene	17.380	276	484665	57.913	ng		96

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

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