Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131966.D
Acq On : 09 Jan 2023 16:43
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 03:11:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	85786	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	311510	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	183015	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	361469	20.000	ng	0.00
76) Chrysene-d12	13.986	240	228806	20.000	ng	0.00
86) Perylene-d12	15.445	264	168126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	424938	81.622	ng	0.00
7) Phenol-d6	6.428	99	556840	80.670	ng	0.00
23) Nitrobenzene-d5	7.363	82	597353	79.587	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	173001	82.214	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1092559	80.590	ng	0.00
79) Terphenyl-d14	12.927	244	1304379	81.708	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.463	88	94538	41.578	ng	100
3) Pyridine	3.187	79	267798	41.965	ng	97
4) n-Nitrosodimethylamine	3.169	42	124469	41.501	ng	94
6) Aniline	6.451	93	371683	40.925	ng	96
8) 2-Chlorophenol	6.575	128	214966	41.155	ng	97
9) Benzaldehyde	6.339	77	180238	39.242	ng	98
10) Phenol	6.445	94	314693	40.867	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	235617	40.590	ng	96
12) 1,3-Dichlorobenzene	6.728	146	238171	40.937	ng	99
13) 1,4-Dichlorobenzene	6.804	146	241061	40.950	ng	99
14) 1,2-Dichlorobenzene	6.957	146	226118	40.445	ng	97
15) Benzyl Alcohol	6.939	79	243456	40.502	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	298891	40.801	ng	100
17) 2-Methylphenol	7.051	107	212958	41.198	ng	96
18) Hexachloroethane	7.298	117	100224	41.169	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	198451	39.743	ng	98
20) 3+4-Methylphenols	7.210	107	263508	39.707	ng	97
22) Acetophenone	7.210	105	357233	39.387	ng	98
24) Nitrobenzene	7.381	77	307060	40.185	ng	96
25) Isophorone	7.622	82	555196	39.596	ng	99
26) 2-Nitrophenol	7.698	139	120823	40.187	ng	98
27) 2,4-Dimethylphenol	7.739	122	200010	39.855	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	306585	39.507	ng	98
29) 2,4-Dichlorophenol	7.939	162	206165	40.108	ng	95
30) 1,2,4-Trichlorobenzene	8.022	180	234846	39.892	ng	98
31) Naphthalene	8.104	128	653258	39.682	ng	99
32) Benzoic acid	7.886	122	117121m	40.256	ng	
33) 4-Chloroaniline	8.157	127	278604	41.011	ng	97
34) Hexachlorobutadiene	8.216	225	166140	40.705	ng	99
35) Caprolactam	8.545	113	59372m	39.327	ng	
36) 4-Chloro-3-methylphenol	8.645	107	240141	39.804	ng	99
37) 2-Methylnaphthalene	8.792	142	471122	39.846	ng	99
38) 1-Methylnaphthalene	8.892	142	433360	39.561	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	263796	40.904	ng	99
41) Hexachlorocyclopentadiene	8.939	237	110531	38.905	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	156816	40.398	ng	99

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44) 2,4,5-Trichlorophenol	9.122	196	185523	41.052	ng		96
46) 1,1'-Biphenyl	9.263	154	573071	40.569	ng		99
47) 2-Chloronaphthalene	9.286	162	447348	40.803	ng		99
48) 2-Nitroaniline	9.392	65	164612	41.338	ng		97
49) Acenaphthylene	9.704	152	686340	40.341	ng		99
50) Dimethylphthalate	9.569	163	584339	40.961	ng		99
51) 2,6-Dinitrotoluene	9.633	165	124082	41.355	ng	#	85
52) Acenaphthene	9.875	154	414038	40.542	ng		98
53) 3-Nitroaniline	9.810	138	120963	41.555	ng		99
54) 2,4-Dinitrophenol	9.916	184	61877	41.073	ng		95
55) Dibenzofuran	10.045	168	653083	40.569	ng		98
56) 4-Nitrophenol	9.975	139	70607	43.063	ng		92
57) 2,4-Dinitrotoluene	10.039	165	165187	41.178	ng		94
58) Fluorene	10.392	166	512226	39.832	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	139140	41.320	ng		92
60) Diethylphthalate	10.269	149	578006	41.205	ng		100
61) 4-Chlorophenyl-phenyle...	10.380	204	301619	40.972	ng		93
62) 4-Nitroaniline	10.427	138	109866m	41.974	ng		
63) Azobenzene	10.545	77	607475	40.823	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	99152	42.535	ng		85
66) n-Nitrosodiphenylamine	10.504	169	448834	39.578	ng		100
67) 4-Bromophenyl-phenylether	10.874	248	181449	40.127	ng		98
68) Hexachlorobenzene	10.939	284	182181	39.827	ng		98
69) Atrazine	11.039	200	166462	40.364	ng		98
70) Pentachlorophenol	11.139	266	87740	38.367	ng		98
71) Phenanthrene	11.357	178	746098	39.594	ng		99
72) Anthracene	11.410	178	777438	40.077	ng		99
73) Carbazole	11.569	167	639571	39.824	ng		99
74) Di-n-butylphthalate	11.898	149	916718	40.994	ng		100
75) Fluoranthene	12.551	202	852600	40.232	ng		99
77) Benzidine	12.674	184	292157	38.434	ng		99
78) Pyrene	12.780	202	849739	40.719	ng		100
80) Butylbenzylphthalate	13.398	149	348272	41.346	ng		100
81) Benzo(a)anthracene	13.968	228	674221	40.503	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	209508	40.326	ng		100
83) Chrysene	14.010	228	618831	39.778	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	469780	41.166	ng		99
85) Di-n-octyl phthalate	14.568	149	635411	40.689	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	457833	44.402	ng		100
88) Benzo(b)fluoranthene	15.021	252	473252	41.040	ng		97
89) Benzo(k)fluoranthene	15.051	252	458064	39.802	ng		99
90) Benzo(a)pyrene	15.386	252	423086	40.722	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	380733	44.048	ng		97
92) Benzo(g,h,i)perylene	17.351	276	366006	40.166	ng		98

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

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