Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
Data File : BF135912.D
Acq On : 20 Oct 2023 17:23
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 23:19:33 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 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.733	152	91550	20.000	ng		-0.01
21) Naphthalene-d8	8.016	136	340549	20.000	ng		0.00
39) Acenaphthene-d10	9.774	164	166744	20.000	ng		-0.01
64) Phenanthrene-d10	11.268	188	343013	20.000	ng		-0.01
76) Chrysene-d12	13.933	240	142734	20.000	ng		-0.02
86) Perylene-d12	15.409	264	166467	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	467623	82.121	ng		0.00
7) Phenol-d6	6.392	99	560135	78.838	ng		0.00
23) Nitrobenzene-d5	7.310	82	522685	84.414	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	147724	92.325	ng		-0.01
45) 2-Fluorobiphenyl	9.092	172	905462	84.903	ng		-0.01
79) Terphenyl-d14	12.868	244	865745	112.327	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.416	88	135766	49.430	ng		99
3) Pyridine	3.163	79	262489	38.950	ng		99
4) n-Nitrosodimethylamine	3.145	42	153877	42.460	ng		99
6) Aniline	6.410	93	349226	39.058	ng	#	70
8) 2-Chlorophenol	6.528	128	243433	39.644	ng		99
9) Benzaldehyde	6.298	77	163601	40.457	ng		99
10) Phenol	6.410	94	305918	41.092	ng		100
11) bis(2-Chloroethyl)ether	6.481	93	237279	39.556	ng		98
12) 1,3-Dichlorobenzene	6.675	146	235318	37.800	ng		99
13) 1,4-Dichlorobenzene	6.751	146	248395	39.388	ng		98
14) 1,2-Dichlorobenzene	6.904	146	221231	38.961	ng		98
15) Benzyl Alcohol	6.892	79	200122	42.362	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	396771	36.573	ng		91
17) 2-Methylphenol	7.010	107	201061	37.823	ng		95
18) Hexachloroethane	7.233	117	88250	38.595	ng		95
19) n-Nitroso-di-n-propyla...	7.157	70	167222	38.065	ng		97
20) 3+4-Methylphenols	7.163	107	259181	39.110	ng		93
22) Acetophenone	7.151	105	321698	41.190	ng		99
24) Nitrobenzene	7.328	77	260819	41.970	ng		99
25) Isophorone	7.563	82	488620	41.829	ng		99
26) 2-Nitrophenol	7.639	139	135728	44.755	ng		97
27) 2,4-Dimethylphenol	7.686	122	214343	42.933	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	283578	40.763	ng		99
29) 2,4-Dichlorophenol	7.886	162	197738	42.264	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	196355	41.033	ng		97
31) Naphthalene	8.039	128	676698	40.739	ng		99
32) Benzoic acid	7.857	122	183646m	54.342	ng		
33) 4-Chloroaniline	8.098	127	299079	41.218	ng		99
34) Hexachlorobutadiene	8.145	225	122916	43.396	ng		99
35) Caprolactam	8.498	113	67973	42.498	ng	#	85
36) 4-Chloro-3-methylphenol	8.592	107	231992	44.713	ng		99
37) 2-Methylnaphthalene	8.727	142	448780	41.007	ng		98
38) 1-Methylnaphthalene	8.827	142	412503	40.867	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	207741	43.311	ng		99
41) Hexachlorocyclopentadiene	8.875	237	20068	39.009	ng		91
43) 2,4,6-Trichlorophenol	9.022	196	131532	42.555	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	148950	41.433	ng		99
46) 1,1'-Biphenyl	9.198	154	544544	42.633	ng		98
47) 2-Chloronaphthalene	9.222	162	388765	42.232	ng		99
48) 2-Nitroaniline	9.333	65	155142	42.697	ng		97
49) Acenaphthylene	9.633	152	637242	41.831	ng		98
50) Dimethylphthalate	9.504	163	466746	41.465	ng		99
51) 2,6-Dinitrotoluene	9.580	165	105831	43.721	ng	#	84
52) Acenaphthene	9.810	154	385521	42.222	ng		99
53) 3-Nitroaniline	9.751	138	128771	43.396	ng		99
54) 2,4-Dinitrophenol	9.874	184	71005	70.272	ng		95
55) Dibenzofuran	9.980	168	593998	43.114	ng		100
56) 4-Nitrophenol	9.945	139	41092	33.641	ng		97
57) 2,4-Dinitrotoluene	9.992	165	139872	45.420	ng		94
58) Fluorene	10.327	166	471939	43.756	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	115195	42.401	ng		97
60) Diethylphthalate	10.204	149	487842	42.453	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	228535	43.840	ng		96
62) 4-Nitroaniline	10.374	138	117618	43.081	ng		96
63) Azobenzene	10.480	77	481322	43.111	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	76857	44.522	ng		93
66) n-Nitrosodiphenylamine	10.445	169	425355	40.685	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	139255	40.443	ng		98
68) Hexachlorobenzene	10.880	284	142880	40.757	ng		95
69) Atrazine	10.974	200	109887	38.642	ng		98
70) Pentachlorophenol	11.086	266	53076	38.388	ng		95
71) Phenanthrene	11.298	178	677054	41.204	ng		100
72) Anthracene	11.351	178	696479	40.904	ng		100
73) Carbazole	11.510	167	671891	42.310	ng		99
74) Di-n-butylphthalate	11.833	149	705323	36.175	ng		99
75) Fluoranthene	12.492	202	623665	34.197	ng		99
77) Benzidine	12.621	184	139415	44.762	ng		99
78) Pyrene	12.721	202	678112	59.786	ng		99
80) Butylbenzylphthalate	13.339	149	259343	52.032	ng		99
81) Benzo(a)anthracene	13.927	228	391403	41.748	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	120095	38.624	ng		95
83) Chrysene	13.962	228	381401	42.001	ng		99
84) Bis(2-ethylhexyl)phtha...	13.898	149	248238	36.747	ng		100
85) Di-n-octyl phthalate	14.521	149	437214	40.815	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	435855	48.052	ng		98
88) Benzo(b)fluoranthene	14.980	252	355184	38.124	ng		98
89) Benzo(k)fluoranthene	15.009	252	374414	41.394	ng		98
90) Benzo(a)pyrene	15.351	252	360541	41.154	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	360664	48.504	ng		99
92) Benzo(g,h,i)perylene	17.368	276	373914	48.954	ng		94

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

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