Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134578.D
Acq On : 02 Aug 2023 14:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 02 15:39:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/03/2023
Supervised By :mohammad ahmed
08/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	218119	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	824899	20.000	ng	#	0.00
39) Acenaphthene-d10	9.833	164	411660	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	773921	20.000	ng	#	0.00
76) Chrysene-d12	13.968	240	515271	20.000	ng	#	0.00
86) Perylene-d12	15.427	264	435718	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1075168	74.930	ng		0.00
7) Phenol-d6	6.434	99	1371499	74.772	ng		0.00
23) Nitrobenzene-d5	7.363	82	1121527	84.965	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	359665	85.706	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1844933	74.517	ng		0.00
79) Terphenyl-d14	12.915	244	2144646	73.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	249723	37.826	ng		96
3) Pyridine	3.310	79	680481	38.038	ng		92
4) n-Nitrosodimethylamine	3.281	42	321160	37.572	ng	#	66
6) Aniline	6.463	93	888443	36.928	ng		92
8) 2-Chlorophenol	6.586	128	554826	38.331	ng		92
9) Benzaldehyde	6.351	77	330939	36.222	ng		96
10) Phenol	6.445	94	677379m	37.475	ng		
11) bis(2-Chloroethyl)ether	6.539	93	538026	37.469	ng		94
12) 1,3-Dichlorobenzene	6.739	146	562073	37.531	ng		95
13) 1,4-Dichlorobenzene	6.816	146	564405	37.604	ng		98
14) 1,2-Dichlorobenzene	6.969	146	517198	36.983	ng		96
15) Benzyl Alcohol	6.939	79	480905	38.004	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	825764	36.707	ng		88
17) 2-Methylphenol	7.051	107	480780	37.588	ng		93
18) Hexachloroethane	7.310	117	207031	39.301	ng		95
19) n-Nitroso-di-n-propyla...	7.216	70	385779	35.128	ng		93
20) 3+4-Methylphenols	7.204	107	573793	37.197	ng	#	73
22) Acetophenone	7.210	105	691932	36.334	ng	#	87
24) Nitrobenzene	7.381	77	583787	40.937	ng		97
25) Isophorone	7.622	82	1054863	36.639	ng		99
26) 2-Nitrophenol	7.692	139	277032	45.887	ng	#	90
27) 2,4-Dimethylphenol	7.733	122	482648	37.572	ng		84
28) bis(2-Chloroethoxy)met...	7.833	93	642915	37.330	ng		99
29) 2,4-Dichlorophenol	7.933	162	454030	38.942	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	476397	38.317	ng		98
31) Naphthalene	8.098	128	1538805	37.117	ng		99
32) Benzoic acid	7.851	122	361348m	43.921	ng		
33) 4-Chloroaniline	8.151	127	679799	36.801	ng		96
34) Hexachlorobutadiene	8.216	225	272205	37.956	ng		95
35) Caprolactam	8.522	113	147588	39.236	ng		100
36) 4-Chloro-3-methylphenol	8.627	107	473408	38.340	ng		92
37) 2-Methylnaphthalene	8.792	142	1022922	37.224	ng		98
38) 1-Methylnaphthalene	8.892	142	953340	37.308	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	461956	38.590	ng		99
41) Hexachlorocyclopentadiene	8.939	237	255143	43.830	ng		94
43) 2,4,6-Trichlorophenol	9.063	196	316688	40.423	ng		97

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44) 2,4,5-Trichlorophenol	9.104	196	363597	40.607	ng		93
46) 1,1'-Biphenyl	9.257	154	1200390	37.498	ng		98
47) 2-Chloronaphthalene	9.280	162	903470	37.666	ng		98
48) 2-Nitroaniline	9.374	65	309154	41.780	ng		92
49) Acenaphthylene	9.692	152	1427634	37.864	ng		99
50) Dimethylphthalate	9.563	163	1059724	37.770	ng		98
51) 2,6-Dinitrotoluene	9.622	165	242181	42.433	ng	#	80
52) Acenaphthene	9.869	154	937691	38.376	ng		99
53) 3-Nitroaniline	9.786	138	285213	45.607	ng		92
54) 2,4-Dinitrophenol	9.892	184	110180	56.071	ng	#	83
55) Dibenzofuran	10.039	168	1298871	37.342	ng		95
56) 4-Nitrophenol	9.939	139	227782	44.534	ng	#	79
57) 2,4-Dinitrotoluene	10.022	165	309438	44.769	ng	#	89
58) Fluorene	10.380	166	934107	36.869	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	285503	40.303	ng		95
60) Diethylphthalate	10.263	149	1005281	37.800	ng		96
61) 4-Chlorophenyl-phenyle...	10.374	204	459403	36.891	ng		96
62) 4-Nitroaniline	10.404	138	276688	45.139	ng		86
63) Azobenzene	10.539	77	1062493	37.185	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	158670	50.231	ng		94
66) n-Nitrosodiphenylamine	10.498	169	907240	36.830	ng		98
67) 4-Bromophenyl-phenylether	10.869	248	319294	37.688	ng		94
68) Hexachlorobenzene	10.927	284	340540	38.065	ng		97
69) Atrazine	11.027	200	261912	39.448	ng		97
70) Pentachlorophenol	11.121	266	237982	42.963	ng		96
71) Phenanthrene	11.345	178	1498619	36.456	ng		99
72) Anthracene	11.398	178	1550966	36.937	ng		99
73) Carbazole	11.551	167	1374529	36.663	ng		99
74) Di-n-butylphthalate	11.892	149	1505579	37.800	ng		99
75) Fluoranthene	12.533	202	1591705	36.656	ng		95
77) Benzidine	12.657	184	456390	40.802	ng		98
78) Pyrene	12.763	202	1656221	37.146	ng		97
80) Butylbenzylphthalate	13.398	149	616304	40.877	ng	#	97
81) Benzo(a)anthracene	13.957	228	1330992	36.125	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	423008	39.608	ng	#	97
83) Chrysene	13.998	228	1321526	36.815	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	634339	35.752	ng		99
85) Di-n-octyl phthalate	14.574	149	1025798	38.019	ng		97
87) Indeno(1,2,3-cd)pyrene	16.903	276	1038979	40.545	ng	#	92
88) Benzo(b)fluoranthene	15.004	252	1032882	38.868	ng	#	97
89) Benzo(k)fluoranthene	15.033	252	1033829	39.053	ng	#	98
90) Benzo(a)pyrene	15.368	252	958355	38.679	ng	#	98
91) Dibenzo(a,h)anthracene	16.933	278	847351	40.916	ng	#	95
92) Benzo(g,h,i)perylene	17.356	276	878264	41.574	ng	#	93

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

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