Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134568.D
Acq On : 02 Aug 2023 08:43
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 02 12:03:33 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 :
SSTDCCC040

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	213580	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	807630	20.000	ng	#	0.00
39) Acenaphthene-d10	9.833	164	406229	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	746481	20.000	ng	#	0.00
76) Chrysene-d12	13.963	240	492867	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	423661	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1047218	74.533	ng		0.00
7) Phenol-d6	6.428	99	1342395	74.741	ng		0.00
23) Nitrobenzene-d5	7.363	82	1105112	85.511	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	351697	84.928	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1830841	74.936	ng		0.00
79) Terphenyl-d14	12.916	244	2110036	75.471	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	244619	37.840	ng		96
3) Pyridine	3.304	79	662896	37.842	ng		91
4) n-Nitrosodimethylamine	3.269	42	317573	37.942	ng	#	65
6) Aniline	6.463	93	878656	37.298	ng		91
8) 2-Chlorophenol	6.581	128	542352	38.265	ng		98
9) Benzaldehyde	6.351	77	317702	35.169	ng		96
10) Phenol	6.445	94	682446m	38.557	ng		
11) bis(2-Chloroethyl)ether	6.539	93	523031	37.199	ng		95
12) 1,3-Dichlorobenzene	6.739	146	555596	37.887	ng		94
13) 1,4-Dichlorobenzene	6.816	146	561615	38.213	ng		97
14) 1,2-Dichlorobenzene	6.969	146	516201	37.696	ng		95
15) Benzyl Alcohol	6.939	79	470547	37.976	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.075	45	815514	37.022	ng		89
17) 2-Methylphenol	7.045	107	478339	38.192	ng		92
18) Hexachloroethane	7.304	117	202369	39.233	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	379465	35.287	ng		91
20) 3+4-Methylphenols	7.204	107	560487	37.107	ng	#	82
22) Acetophenone	7.210	105	680217	36.483	ng	#	83
24) Nitrobenzene	7.381	77	571360	40.923	ng		94
25) Isophorone	7.616	82	1046912	37.141	ng		98
26) 2-Nitrophenol	7.692	139	262658	44.588	ng	#	89
27) 2,4-Dimethylphenol	7.728	122	473868	37.677	ng		85
28) bis(2-Chloroethoxy)met...	7.828	93	625321	37.085	ng		100
29) 2,4-Dichlorophenol	7.928	162	446998	39.158	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	467713	38.423	ng		98
31) Naphthalene	8.098	128	1524990	37.571	ng		99
32) Benzoic acid	7.845	122	337357m	42.247	ng		
33) 4-Chloroaniline	8.145	127	678999	37.543	ng		99
34) Hexachlorobutadiene	8.216	225	270255	38.490	ng		97
35) Caprolactam	8.522	113	146678	39.828	ng		92
36) 4-Chloro-3-methylphenol	8.622	107	464948	38.460	ng		95
37) 2-Methylnaphthalene	8.786	142	1010885	37.573	ng		98
38) 1-Methylnaphthalene	8.886	142	940901	37.608	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	447716	37.901	ng		99
41) Hexachlorocyclopentadiene	8.939	237	258062	44.924	ng		93
43) 2,4,6-Trichlorophenol	9.063	196	311177	40.251	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	350663	39.686	ng		92
46) 1,1'-Biphenyl	9.257	154	1186304	37.554	ng		99
47) 2-Chloronaphthalene	9.275	162	895278	37.823	ng		99
48) 2-Nitroaniline	9.375	65	307488	42.086	ng		86
49) Acenaphthylene	9.692	152	1413953	38.003	ng		99
50) Dimethylphthalate	9.557	163	1045076	37.746	ng		97
51) 2,6-Dinitrotoluene	9.616	165	236242	41.974	ng		90
52) Acenaphthene	9.863	154	926566	38.428	ng		98
53) 3-Nitroaniline	9.786	138	277017	44.888	ng		95
54) 2,4-Dinitrophenol	9.886	184	101394	53.358	ng		89
55) Dibenzofuran	10.039	168	1279684	37.282	ng		94
56) 4-Nitrophenol	9.939	139	219791	43.546	ng	#	72
57) 2,4-Dinitrotoluene	10.022	165	304750	44.686	ng	#	80
58) Fluorene	10.380	166	920313	36.811	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.151	232	287475	41.124	ng		96
60) Diethylphthalate	10.263	149	987619	37.633	ng		96
61) 4-Chlorophenyl-phenyle...	10.375	204	459498	37.391	ng		93
62) 4-Nitroaniline	10.398	138	280200	46.324	ng		87
63) Azobenzene	10.533	77	1045557	37.081	ng		97
65) 4,6-Dinitro-2-methylph...	10.427	198	149912	49.381	ng		82
66) n-Nitrosodiphenylamine	10.498	169	893172	37.592	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	316060	38.678	ng	#	90
68) Hexachlorobenzene	10.927	284	330693	38.323	ng	#	93
69) Atrazine	11.027	200	259209	40.476	ng		98
70) Pentachlorophenol	11.116	266	234716	43.931	ng		95
71) Phenanthrene	11.345	178	1464267	36.930	ng		100
72) Anthracene	11.392	178	1534037	37.877	ng		98
73) Carbazole	11.551	167	1354073	37.445	ng		99
74) Di-n-butylphthalate	11.892	149	1473345	38.350	ng		99
75) Fluoranthene	12.533	202	1569568	37.475	ng		96
77) Benzidine	12.657	184	471303	44.051	ng		98
78) Pyrene	12.763	202	1628221	38.178	ng		97
80) Butylbenzylphthalate	13.392	149	596487	41.361	ng	#	92
81) Benzo(a)anthracene	13.951	228	1304943	37.028	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	401430	39.296	ng		99
83) Chrysene	13.992	228	1275717	37.155	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	600555	35.387	ng		99
85) Di-n-octyl phthalate	14.574	149	953610	36.950	ng		97
87) Indeno(1,2,3-cd)pyrene	16.898	276	1048406	42.077	ng	#	93
88) Benzo(b)fluoranthene	14.998	252	994303	38.481	ng	#	98
89) Benzo(k)fluoranthene	15.027	252	1001230	38.898	ng	#	98
90) Benzo(a)pyrene	15.362	252	940907	39.056	ng	#	96
91) Dibenzo(a,h)anthracene	16.921	278	851925	42.308	ng	#	96
92) Benzo(g,h,i)perylene	17.345	276	889102	43.285	ng	#	93

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

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