Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137334.D
Acq On : 08 Feb 2024 12:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 08 13:13:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	60551	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	233417	20.000	ng		-0.01
39) Acenaphthene-d10	9.822	164	135068	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	257865	20.000	ng		0.00
76) Chrysene-d12	13.968	240	161376	20.000	ng		0.00
86) Perylene-d12	15.445	264	135822	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	330272	90.003	ng		0.00
7) Phenol-d6	6.422	99	437137	83.473	ng		0.00
23) Nitrobenzene-d5	7.351	82	459091	88.058	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	134875	88.420	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	808495	82.285	ng		0.00
79) Terphenyl-d14	12.910	244	955234	80.470	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	75710	38.559	ng		94
3) Pyridine	3.293	79	166042	42.163	ng		98
4) n-Nitrosodimethylamine	3.269	42	85027	43.188	ng	#	96
6) Aniline	6.451	93	248062	44.250	ng		98
8) 2-Chlorophenol	6.569	128	178982	43.622	ng		97
9) Benzaldehyde	6.340	77	84460	42.350	ng		98
10) Phenol	6.434	94	243471	41.651	ng		96
11) bis(2-Chloroethyl)ether	6.528	93	169985	43.514	ng		96
12) 1,3-Dichlorobenzene	6.728	146	198521	41.267	ng		98
13) 1,4-Dichlorobenzene	6.804	146	208955	41.999	ng		98
14) 1,2-Dichlorobenzene	6.951	146	193290	41.552	ng		97
15) Benzyl Alcohol	6.928	79	169144	45.463	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	281380	39.986	ng		98
17) 2-Methylphenol	7.039	107	149936	43.741	ng		98
18) Hexachloroethane	7.292	117	76390	42.572	ng		92
19) n-Nitroso-di-n-propyla...	7.204	70	147781	41.157	ng		99
20) 3+4-Methylphenols	7.192	107	186505	42.980	ng		97
22) Acetophenone	7.198	105	260945	41.526	ng		100
24) Nitrobenzene	7.369	77	215712	42.629	ng		99
25) Isophorone	7.610	82	390274	40.556	ng		100
26) 2-Nitrophenol	7.681	139	84327	43.298	ng	#	84
27) 2,4-Dimethylphenol	7.722	122	114175	41.510	ng		100
28) bis(2-Chloroethoxy)met...	7.822	93	214021	41.881	ng		99
29) 2,4-Dichlorophenol	7.922	162	149908	43.933	ng		100
30) 1,2,4-Trichlorobenzene	8.004	180	176559	41.657	ng		99
31) Naphthalene	8.086	128	513927	40.727	ng		99
32) Benzoic acid	7.851	122	87904	45.890	ng		95
33) 4-Chloroaniline	8.139	127	178900	41.216	ng		98
34) Hexachlorobutadiene	8.204	225	121911	43.258	ng		96
35) Caprolactam	8.516	113	46825	44.133	ng		95
36) 4-Chloro-3-methylphenol	8.622	107	170644	42.341	ng		95
37) 2-Methylnaphthalene	8.781	142	349285	41.287	ng		99
38) 1-Methylnaphthalene	8.875	142	323213	41.134	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	193209	42.750	ng		98
41) Hexachlorocyclopentadiene	8.928	237	103404	48.037	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	112492	43.883	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	124347	44.378	ng		93
46) 1,1'-Biphenyl	9.245	154	438361	40.791	ng		98
47) 2-Chloronaphthalene	9.269	162	321267	40.396	ng		98
48) 2-Nitroaniline	9.369	65	117509	45.651	ng		98
49) Acenaphthylene	9.686	152	518361	40.713	ng		99
50) Dimethylphthalate	9.551	163	383244	42.000	ng		99
51) 2,6-Dinitrotoluene	9.610	165	85742	44.066	ng		96
52) Acenaphthene	9.857	154	306056	40.901	ng		99
53) 3-Nitroaniline	9.780	138	80028	45.703	ng		97
54) 2,4-Dinitrophenol	9.886	184	36429	47.533	ng	#	81
55) Dibenzofuran	10.028	168	481724	40.464	ng		99
56) 4-Nitrophenol	9.939	139	55990	41.191	ng		96
57) 2,4-Dinitrotoluene	10.016	165	115995	45.944	ng		88
58) Fluorene	10.375	166	383829	41.126	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	111656m	42.827	ng		
60) Diethylphthalate	10.251	149	375830	41.830	ng		98
61) 4-Chlorophenyl-phenyle...	10.369	204	191066	41.186	ng		97
62) 4-Nitroaniline	10.398	138	75591	45.100	ng		92
63) Azobenzene	10.528	77	407663	40.969	ng		99
65) 4,6-Dinitro-2-methylph...	10.422	198	66056	48.318	ng		89
66) n-Nitrosodiphenylamine	10.486	169	331100	42.229	ng		97
67) 4-Bromophenyl-phenylether	10.857	248	123208	43.453	ng		94
68) Hexachlorobenzene	10.922	284	132054	41.696	ng	#	89
69) Atrazine	11.022	200	112594	43.501	ng		99
70) Pentachlorophenol	11.116	266	86257	47.511	ng		98
71) Phenanthrene	11.339	178	554471	41.073	ng		100
72) Anthracene	11.392	178	579309	41.172	ng		98
73) Carbazole	11.545	167	502316	42.717	ng		99
74) Di-n-butylphthalate	11.886	149	558759	43.958	ng		100
75) Fluoranthene	12.527	202	593158	41.990	ng		98
77) Benzidine	12.663	184	121068	41.897	ng		98
78) Pyrene	12.757	202	595860	38.422	ng		99
80) Butylbenzylphthalate	13.392	149	204261	51.488	ng		96
81) Benzo(a)anthracene	13.957	228	461250	40.359	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	139525	44.809	ng		98
83) Chrysene	13.992	228	450285	40.075	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	255978	55.461	ng		99
85) Di-n-octyl phthalate	14.574	149	369142	50.300	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	410470	43.016	ng		99
88) Benzo(b)fluoranthene	15.010	252	362678	43.419	ng		99
89) Benzo(k)fluoranthene	15.045	252	344580	38.995	ng		99
90) Benzo(a)pyrene	15.380	252	318419	40.508	ng		98
91) Dibenzo(a,h)anthracene	16.962	278	327368	42.816	ng		98
92) Benzo(g,h,i)perylene	17.392	276	321758	42.876	ng		98

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

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