Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
Data File : BF137034.D
Acq On : 11 Jan 2024 12:42
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 13:21:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2024
Supervised By :mohammad ahmed 01/13/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	56653	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	217209	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	111232	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	204350	20.000	ng		0.00
76) Chrysene-d12	13.980	240	104351	20.000	ng	#	0.01
86) Perylene-d12	15.468	264	106634	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	295687	81.435	ng		0.00
7) Phenol-d6	6.440	99	371631	78.989	ng		0.00
23) Nitrobenzene-d5	7.351	82	341183	80.377	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	102421	78.184	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	689951	83.427	ng		0.00
79) Terphenyl-d14	12.910	244	640750	85.809	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	59062	39.040	ng		96
3) Pyridine	3.304	79	143065	38.758	ng		93
4) n-Nitrosodimethylamine	3.275	42	71348	36.195	ng		96
6) Aniline	6.457	93	178063	37.854	ng	#	53
8) 2-Chlorophenol	6.581	128	158994	40.014	ng		94
9) Benzaldehyde	6.345	77	102107	38.155	ng		98
10) Phenol	6.451	94	198079	39.439	ng		87
11) bis(2-Chloroethyl)ether	6.528	93	147540	38.628	ng		99
12) 1,3-Dichlorobenzene	6.728	146	176172	40.643	ng		96
13) 1,4-Dichlorobenzene	6.804	146	177650	40.111	ng		98
14) 1,2-Dichlorobenzene	6.957	146	165534	40.166	ng		98
15) Benzyl Alcohol	6.934	79	121831	38.383	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	230507	36.913	ng		73
17) 2-Methylphenol	7.051	107	127707	38.796	ng		95
18) Hexachloroethane	7.292	117	62895	39.102	ng		91
19) n-Nitroso-di-n-propyla...	7.204	70	111100	38.955	ng		94
20) 3+4-Methylphenols	7.204	107	165935	40.350	ng	#	74
22) Acetophenone	7.198	105	222311	40.834	ng	#	89
24) Nitrobenzene	7.375	77	169865	39.948	ng		93
25) Isophorone	7.610	82	301202	38.997	ng		98
26) 2-Nitrophenol	7.687	139	85867	42.207	ng		99
27) 2,4-Dimethylphenol	7.728	122	101716	41.068	ng		96
28) bis(2-Chloroethoxy)met...	7.816	93	186478	39.719	ng		100
29) 2,4-Dichlorophenol	7.934	162	128825	40.401	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	145682	41.006	ng		99
31) Naphthalene	8.087	128	485574	40.692	ng		100
32) Benzoic acid	7.869	122	86541m	36.112	ng		
33) 4-Chloroaniline	8.139	127	170763	38.758	ng		98
34) Hexachlorobutadiene	8.198	225	89008	41.236	ng		97
35) Caprolactam	8.522	113	40138m	38.157	ng		
36) 4-Chloro-3-methylphenol	8.634	107	141348	39.376	ng		97
37) 2-Methylnaphthalene	8.781	142	307216	40.004	ng		99
38) 1-Methylnaphthalene	8.875	142	300582	39.895	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	143941	41.785	ng		98
41) Hexachlorocyclopentadiene	8.928	237	36556	36.143	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	90841	41.119	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	98011	39.812	ng		98
46) 1,1'-Biphenyl	9.245	154	389326	41.710	ng		98
47) 2-Chloronaphthalene	9.269	162	294537	41.508	ng		99
48) 2-Nitroaniline	9.375	65	85345	38.408	ng		94
49) Acenaphthylene	9.686	152	435513	40.154	ng		99
50) Dimethylphthalate	9.545	163	318983	39.261	ng		100
51) 2,6-Dinitrotoluene	9.616	165	74736	40.531	ng	#	86
52) Acenaphthene	9.857	154	269898	40.144	ng		98
53) 3-Nitroaniline	9.792	138	75750	38.781	ng		90
54) 2,4-Dinitrophenol	9.904	184	42857	43.714	ng	#	88
55) Dibenzofuran	10.033	168	407003	39.936	ng		96
56) 4-Nitrophenol	9.975	139	55631	42.190	ng		91
57) 2,4-Dinitrotoluene	10.028	165	92619	38.692	ng		93
58) Fluorene	10.375	166	328710	40.649	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	71879	37.929	ng		94
60) Diethylphthalate	10.251	149	322612	38.270	ng		97
61) 4-Chlorophenyl-phenyle...	10.363	204	160983	40.956	ng		98
62) 4-Nitroaniline	10.410	138	67851	36.034	ng		89
63) Azobenzene	10.528	77	301045	38.235	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	43440	37.092	ng		98
66) n-Nitrosodiphenylamine	10.492	169	277926	41.868	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	93783	41.324	ng		98
68) Hexachlorobenzene	10.928	284	107322	42.435	ng		98
69) Atrazine	11.022	200	64104	37.756	ng		98
70) Pentachlorophenol	11.133	266	42897	36.389	ng		97
71) Phenanthrene	11.345	178	423899	40.428	ng		99
72) Anthracene	11.398	178	428224	40.327	ng		99
73) Carbazole	11.557	167	390107	38.965	ng		99
74) Di-n-butylphthalate	11.880	149	480630	39.342	ng		99
75) Fluoranthene	12.539	202	431136	38.440	ng		97
77) Benzidine	12.663	184	102205	33.217	ng		98
78) Pyrene	12.769	202	427281	41.711	ng		100
80) Butylbenzylphthalate	13.386	149	154441	41.434	ng		98
81) Benzo(a)anthracene	13.969	228	299935	41.393	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	89446	43.467	ng	#	98
83) Chrysene	14.004	228	284502	40.151	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	202085	43.090	ng	#	96
85) Di-n-octyl phthalate	14.568	149	307977	42.454	ng		100
87) Indeno(1,2,3-cd)pyrene	16.998	276	334742	43.478	ng		100
88) Benzo(b)fluoranthene	15.027	252	275697	38.710	ng		99
89) Benzo(k)fluoranthene	15.057	252	249054	37.008	ng		98
90) Benzo(a)pyrene	15.404	252	241133	40.109	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	275506	43.618	ng		99
92) Benzo(g,h,i)perylene	17.462	276	283848	43.876	ng		99

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

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