Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
Data File : BF136174.D
Acq On : 07 Nov 2023 13:33
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 01:56:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 01:48:57 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	86380	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	336302	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	170032	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	281456	20.000	ng		0.00
76) Chrysene-d12	14.010	240	135261	20.000	ng		0.00
86) Perylene-d12	15.498	264	172853	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	658403	121.363	ng		0.00
7) Phenol-d6	6.463	99	794342	118.990	ng		0.00
23) Nitrobenzene-d5	7.392	82	729515	121.050	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	212060	119.080	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1302484	113.233	ng		0.00
79) Terphenyl-d14	12.951	244	1073377	112.644	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	135768	62.495	ng		99
3) Pyridine	3.328	79	359245	61.544	ng		98
4) n-Nitrosodimethylamine	3.304	42	166901	62.336	ng		98
6) Aniline	6.492	93	507864	60.024	ng		98
8) 2-Chlorophenol	6.610	128	344006	58.904	ng		98
9) Benzaldehyde	6.375	77	214276	55.519	ng		98
10) Phenol	6.475	94	427511	62.848	ng		91
11) bis(2-Chloroethyl)ether	6.563	93	319598	59.647	ng		99
12) 1,3-Dichlorobenzene	6.763	146	365579	59.344	ng		98
13) 1,4-Dichlorobenzene	6.839	146	369777	59.862	ng		99
14) 1,2-Dichlorobenzene	6.992	146	340054	58.569	ng		97
15) Benzyl Alcohol	6.969	79	298953	59.877	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	413154	59.022	ng		99
17) 2-Methylphenol	7.075	107	290117	59.539	ng		98
18) Hexachloroethane	7.333	117	134959	59.869	ng		92
19) n-Nitroso-di-n-propyla...	7.245	70	227956	59.155	ng		99
20) 3+4-Methylphenols	7.233	107	345042	56.740	ng		92
22) Acetophenone	7.233	105	455432	58.655	ng	#	91
24) Nitrobenzene	7.410	77	349968	59.671	ng		99
25) Isophorone	7.645	82	627418	60.327	ng		100
26) 2-Nitrophenol	7.722	139	178249	62.706	ng		96
27) 2,4-Dimethylphenol	7.763	122	290749	60.892	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	379974	60.580	ng		98
29) 2,4-Dichlorophenol	7.963	162	281750	60.518	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	308452	59.504	ng		97
31) Naphthalene	8.128	128	983402	59.361	ng		100
32) Benzoic acid	7.892	122	210025m	57.503	ng		
33) 4-Chloroaniline	8.175	127	412940	60.097	ng		98
34) Hexachlorobutadiene	8.239	225	187399	59.469	ng		98
35) Caprolactam	8.563	113	82673	61.330	ng		93
36) 4-Chloro-3-methylphenol	8.657	107	295934	60.542	ng		99
37) 2-Methylnaphthalene	8.816	142	653144	58.802	ng		100
38) 1-Methylnaphthalene	8.916	142	605816	58.786	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	303761	59.609	ng		99
41) Hexachlorocyclopentadiene	8.969	237	174322	66.337	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	194372	60.915	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	224814	61.159	ng		98
46) 1,1'-Biphenyl	9.286	154	777524	58.276	ng		99
47) 2-Chloronaphthalene	9.310	162	573125	58.768	ng		99
48) 2-Nitroaniline	9.404	65	182158	61.263	ng		92
49) Acenaphthylene	9.722	152	894436	59.418	ng		99
50) Dimethylphthalate	9.592	163	672357	58.526	ng		100
51) 2,6-Dinitrotoluene	9.651	165	150008	60.175	ng		95
52) Acenaphthene	9.898	154	604932m	64.074	ng		
53) 3-Nitroaniline	9.822	138	160500	60.386	ng		95
54) 2,4-Dinitrophenol	9.922	184	68949	58.676	ng		96
55) Dibenzofuran	10.069	168	815423	58.495	ng		98
56) 4-Nitrophenol	9.974	139	111079	62.890	ng		96
57) 2,4-Dinitrotoluene	10.051	165	192139	60.686	ng	#	88
58) Fluorene	10.416	166	606028	57.280	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	165832	57.102	ng		93
60) Diethylphthalate	10.292	149	642696	55.764	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	308482	57.356	ng		94
62) 4-Nitroaniline	10.439	138	144495	59.651	ng		98
63) Azobenzene	10.569	77	599248	59.426	ng		97
65) 4,6-Dinitro-2-methylph...	10.463	198	98265	59.413	ng		93
66) n-Nitrosodiphenylamine	10.527	169	543455	60.862	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	192149	61.298	ng		94
68) Hexachlorobenzene	10.963	284	200628	60.285	ng	#	92
69) Atrazine	11.057	200	127305	56.276	ng		95
70) Pentachlorophenol	11.151	266	119895	64.414	ng		98
71) Phenanthrene	11.380	178	844179	58.571	ng		99
72) Anthracene	11.433	178	870067	59.139	ng		100
73) Carbazole	11.586	167	688750	58.424	ng		99
74) Di-n-butylphthalate	11.927	149	802533	57.544	ng		99
75) Fluoranthene	12.574	202	737561	56.037	ng		99
77) Benzidine	12.698	184	121532	51.889	ng		100
78) Pyrene	12.804	202	726663	57.451	ng		98
80) Butylbenzylphthalate	13.433	149	239055	59.313	ng		97
81) Benzo(a)anthracene	13.998	228	538481	60.020	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	182573	63.390	ng		98
83) Chrysene	14.039	228	524701	59.780	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	289545	59.520	ng	#	99
85) Di-n-octyl phthalate	14.621	149	520145	63.862	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	801487	63.284	ng		100
88) Benzo(b)fluoranthene	15.062	252	566189	59.329	ng		99
89) Benzo(k)fluoranthene	15.092	252	581745	60.535	ng		99
90) Benzo(a)pyrene	15.439	252	583514	61.992	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	655983	62.498	ng		99
92) Benzo(g,h,i)perylene	17.486	276	668939	62.861	ng		98

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

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