Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
Data File : BF136178.D
Acq On : 07 Nov 2023 16:18
Operator : CG\JU
Sample : PB156921BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 08 02:57:18 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 02:12:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156921BS

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	87663	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	351885	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	189065	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	332026	20.000	ng	0.00
76) Chrysene-d12	14.010	240	171609	20.000	ng	0.00
86) Perylene-d12	15.498	264	179783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	699534	127.058	ng	0.01
7) Phenol-d6	6.457	99	843094	124.445	ng	0.00
23) Nitrobenzene-d5	7.386	82	517686	82.096	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	260670	131.641	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1007868	78.800	ng	0.00
79) Terphenyl-d14	12.957	244	1017671	84.177	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	86029	39.020	ng	99
3) Pyridine	3.404	79	187528	31.656	ng	96
4) n-Nitrosodimethylamine	3.369	42	119295	43.904	ng	97
6) Aniline	6.486	93	284166	33.094	ng	100
8) 2-Chlorophenol	6.604	128	263978	44.540	ng	99
9) Benzaldehyde	6.369	77	83750	21.382	ng	96
10) Phenol	6.475	94	314329	42.484	ng	87
11) bis(2-Chloroethyl)ether	6.563	93	237170	43.615	ng	100
12) 1,3-Dichlorobenzene	6.763	146	275301	44.035	ng	99
13) 1,4-Dichlorobenzene	6.839	146	278837	44.480	ng	99
14) 1,2-Dichlorobenzene	6.986	146	262876	44.613	ng	98
15) Benzyl Alcohol	6.963	79	219560	43.332	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	323044	45.474	ng	99
17) 2-Methylphenol	7.075	107	202710	40.992	ng	97
18) Hexachloroethane	7.328	117	103497	45.240	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	171599	43.878	ng	96
20) 3+4-Methylphenols	7.228	107	257573	41.737	ng	97
22) Acetophenone	7.233	105	357605	44.017	ng	97
24) Nitrobenzene	7.404	77	264025	43.023	ng	99
25) Isophorone	7.639	82	480147	44.122	ng	100
26) 2-Nitrophenol	7.716	139	132849	44.665	ng	96
27) 2,4-Dimethylphenol	7.757	122	227244	45.485	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	288121	43.902	ng	99
29) 2,4-Dichlorophenol	7.957	162	216315	44.406	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	238325	43.939	ng	96
31) Naphthalene	8.128	128	739123	42.640	ng	100
32) Benzoic acid	7.880	122	152731	42.063	ng	91
33) 4-Chloroaniline	8.175	127	221744	30.842	ng	99
34) Hexachlorobutadiene	8.239	225	143861	43.631	ng	98
35) Caprolactam	8.545	113	67189m	47.636	ng	
36) 4-Chloro-3-methylphenol	8.657	107	231251	45.214	ng	98
37) 2-Methylnaphthalene	8.816	142	485378	41.763	ng	98
38) 1-Methylnaphthalene	8.916	142	451933	41.912	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	235075	41.487	ng	98
41) Hexachlorocyclopentadiene	8.969	237	271652	92.969	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	153946	43.389	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	166967	40.849	ng		96
46) 1,1'-Biphenyl	9.286	154	618059	41.660	ng		98
47) 2-Chloronaphthalene	9.310	162	465700	42.946	ng		97
48) 2-Nitroaniline	9.404	65	144560	43.724	ng		88
49) Acenaphthylene	9.722	152	700951	41.877	ng		99
50) Dimethylphthalate	9.586	163	551973	43.210	ng		99
51) 2,6-Dinitrotoluene	9.651	165	121796	43.939	ng	#	86
52) Acenaphthene	9.898	154	522615m	46.877	ng		
53) 3-Nitroaniline	9.816	138	108904	36.849	ng		99
54) 2,4-Dinitrophenol	9.922	184	119485	87.821	ng		96
55) Dibenzofuran	10.069	168	652688	42.108	ng		98
56) 4-Nitrophenol	9.980	139	185297	94.349	ng		97
57) 2,4-Dinitrotoluene	10.051	165	164414	46.701	ng	#	87
58) Fluorene	10.416	166	502114	42.681	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	143432	46.300	ng		94
60) Diethylphthalate	10.292	149	545656	42.578	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	253580	42.402	ng		100
62) 4-Nitroaniline	10.433	138	119357	44.313	ng		90
63) Azobenzene	10.569	77	491704	43.852	ng		96
65) 4,6-Dinitro-2-methylph...	10.463	198	83357	44.047	ng		87
66) n-Nitrosodiphenylamine	10.527	169	454804	43.176	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	159395	43.104	ng		95
68) Hexachlorobenzene	10.963	284	182851	46.575	ng	#	91
69) Atrazine	11.057	200	98176	36.789	ng		97
70) Pentachlorophenol	11.157	266	187241	85.275	ng		99
71) Phenanthrene	11.380	178	746009	43.876	ng		98
72) Anthracene	11.433	178	748752	43.142	ng		100
73) Carbazole	11.586	167	636458	45.765	ng		99
74) Di-n-butylphthalate	11.927	149	756343	45.972	ng		99
75) Fluoranthene	12.574	202	703604	45.315	ng		100
77) Benzidine	12.698	184	154093	51.856	ng		98
78) Pyrene	12.804	202	692887	43.177	ng		98
80) Butylbenzylphthalate	13.433	149	235065	45.970	ng		96
81) Benzo(a)anthracene	13.998	228	503529	44.237	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	164095	44.907	ng		98
83) Chrysene	14.039	228	483148	43.386	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	282374	45.751	ng	#	99
85) Di-n-octyl phthalate	14.621	149	464345	44.936	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	611219	46.401	ng		99
88) Benzo(b)fluoranthene	15.062	252	475107	47.865	ng		99
89) Benzo(k)fluoranthene	15.092	252	486014	48.624	ng		99
90) Benzo(a)pyrene	15.439	252	432073	44.133	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	507963	46.530	ng		99
92) Benzo(g,h,i)perylene	17.480	276	498898	45.075	ng		97

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

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