Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
Data File : BF136200.D
Acq On : 25 Nov 2023 02:51
Operator : CG\JU
Sample : PB157264BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 25 04:13:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 23:44:28 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157264BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

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11/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	138381	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	617590	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	320981	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	616328	20.000	ng		0.00
76) Chrysene-d12	13.986	240	305041	20.000	ng		0.00
86) Perylene-d12	15.462	264	308169	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1379621	158.742	ng		0.02
7) Phenol-d6	6.451	99	1676894	156.800	ng		0.00
23) Nitrobenzene-d5	7.375	82	1021755	92.322	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	540134	160.670	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	2122925	97.766	ng		0.00
79) Terphenyl-d14	12.933	244	2396638	111.525	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	155215	44.599	ng		97
3) Pyridine	3.404	79	331503	35.450	ng		96
4) n-Nitrosodimethylamine	3.375	42	220578	51.426	ng		90
6) Aniline	6.475	93	512783	37.831	ng		98
8) 2-Chlorophenol	6.592	128	508211	54.320	ng		95
10) Phenol	6.463	94	645771	55.291	ng		92
11) bis(2-Chloroethyl)ether	6.551	93	450186	52.446	ng		96
12) 1,3-Dichlorobenzene	6.751	146	540915	54.810	ng		95
13) 1,4-Dichlorobenzene	6.828	146	554300	56.014	ng		94
14) 1,2-Dichlorobenzene	6.975	146	523845	56.319	ng		93
15) Benzyl Alcohol	6.951	79	371675m	46.468	ng		
16) 2,2'-oxybis(1-Chloropr...	7.087	45	632417	56.395	ng		97
17) 2-Methylphenol	7.063	107	407947	52.260	ng		95
18) Hexachloroethane	7.316	117	191891	53.136	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	352549	57.108	ng	#	93
20) 3+4-Methylphenols	7.216	107	521448	53.526	ng		93
22) Acetophenone	7.216	105	750451	52.630	ng	#	87
24) Nitrobenzene	7.392	77	517660	48.062	ng		95
25) Isophorone	7.628	82	945117	49.484	ng		96
26) 2-Nitrophenol	7.704	139	232809	44.597	ng		99
27) 2,4-Dimethylphenol	7.745	122	421990	48.125	ng		89
28) bis(2-Chloroethoxy)met...	7.839	93	571988	49.659	ng		93
29) 2,4-Dichlorophenol	7.945	162	415755	48.628	ng		95
30) 1,2,4-Trichlorobenzene	8.028	180	474935	49.891	ng		97
31) Naphthalene	8.110	128	1550057	50.950	ng		96
32) Benzoic acid	7.875	122	285239m	44.439	ng		
33) 4-Chloroaniline	8.157	127	426603	33.808	ng		97
34) Hexachlorobutadiene	8.228	225	269888	46.638	ng		97
35) Caprolactam	8.534	113	122660m	49.550	ng		
36) 4-Chloro-3-methylphenol	8.645	107	449518	50.077	ng		99
37) 2-Methylnaphthalene	8.798	142	961750	47.149	ng		89
38) 1-Methylnaphthalene	8.898	142	888284	46.937	ng		87
40) 1,2,4,5-Tetrachloroben...	8.963	216	459097	47.724	ng		98
41) Hexachlorocyclopentadiene	8.951	237	557779	112.440	ng		94
43) 2,4,6-Trichlorophenol	9.081	196	283923	47.135	ng		95
44) 2,4,5-Trichlorophenol	9.128	196	325614	46.924	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.269	154	1274975	50.620	ng		96
47) 2-Chloronaphthalene	9.292	162	952731	51.751	ng		94
48) 2-Nitroaniline	9.386	65	277761	49.485	ng		84
49) Acenaphthylene	9.704	152	1465939	51.586	ng		96
50) Dimethylphthalate	9.575	163	1127732	52.000	ng		96
51) 2,6-Dinitrotoluene	9.633	165	218387	46.406	ng		97
52) Acenaphthene	9.880	154	905126	47.821	ng		88
53) 3-Nitroaniline	9.804	138	197637	39.389	ng		97
54) 2,4-Dinitrophenol	9.910	184	222862	95.844	ng		97
55) Dibenzofuran	10.051	168	1347908	51.221	ng		99
56) 4-Nitrophenol	9.969	139	335266	100.552	ng		98
57) 2,4-Dinitrotoluene	10.039	165	307325	51.419	ng		92
58) Fluorene	10.398	166	1053014	52.723	ng		90
59) 2,3,4,6-Tetrachlorophenol	10.169	232	275300	52.345	ng		95
60) Diethylphthalate	10.275	149	1113436	51.176	ng		95
61) 4-Chlorophenyl-phenyle...	10.392	204	501448	49.389	ng		90
62) 4-Nitroaniline	10.422	138	227539	49.759	ng		94
63) Azobenzene	10.551	77	1035107	54.376	ng		94
65) 4,6-Dinitro-2-methylph...	10.445	198	153563	43.749	ng		98
66) n-Nitrosodiphenylamine	10.510	169	908065	46.440	ng		93
67) 4-Bromophenyl-phenylether	10.880	248	318560	46.409	ng		93
68) Hexachlorobenzene	10.939	284	367134	50.378	ng		98
69) Atrazine	11.039	200	173078	34.940	ng		96
70) Pentachlorophenol	11.139	266	376416	92.352	ng		96
71) Phenanthrene	11.363	178	1612296m	51.085	ng		
72) Anthracene	11.410	178	1653823	51.335	ng		96
73) Carbazole	11.569	167	1376773	53.332	ng		97
74) Di-n-butylphthalate	11.904	149	1723059	56.421	ng	#	96
75) Fluoranthene	12.551	202	1545386	53.618	ng		96
77) Benzidine	12.674	184	255734	48.416	ng		97
78) Pyrene	12.780	202	1535897	53.844	ng		95
80) Butylbenzylphthalate	13.410	149	517287	56.911	ng		96
81) Benzo(a)anthracene	13.974	228	1057863	52.284	ng		96
82) 3,3'-Dichlorobenzidine	13.939	252	332137	51.135	ng		96
83) Chrysene	14.010	228	1009125	50.980	ng		96
84) Bis(2-ethylhexyl)phtha...	13.974	149	642525	58.567	ng		95
85) Di-n-octyl phthalate	14.592	149	1006740	54.809	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1133428	50.197	ng		98
88) Benzo(b)fluoranthene	15.027	252	989534	58.160	ng		95
89) Benzo(k)fluoranthene	15.063	252	960536	56.063	ng		96
90) Benzo(a)pyrene	15.404	252	858486	51.157	ng		97
91) Dibenzo(a,h)anthracene	16.998	278	929451	49.669	ng		98
92) Benzo(g,h,i)perylene	17.433	276	897338	47.297	ng		96

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

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