Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132022.D
Acq On : 11 Jan 2023 13:25
Operator : CG\JU
Sample : PB150096BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 12 00:32:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150096BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/12/2023
Supervised By :Jagrut Upadhyay
01/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	88107	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	340357	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	210151	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	390993	20.000	ng		0.00
76) Chrysene-d12	13.986	240	237075	20.000	ng		0.00
86) Perylene-d12	15.445	264	167928	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	735209	137.499	ng		0.02
7) Phenol-d6	6.440	99	958637	135.220	ng		0.00
23) Nitrobenzene-d5	7.363	82	678205	82.701	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	302806	125.319	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1246435	80.068	ng		0.00
79) Terphenyl-d14	12.927	244	1519495	91.863	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	83223	35.637	ng		97
3) Pyridine	3.275	79	218437	33.328	ng		98
4) n-Nitrosodimethylamine	3.252	42	134177	43.560	ng		92
6) Aniline	6.445	93	221650	23.762	ng	#	1
8) 2-Chlorophenol	6.569	128	255916	47.704	ng		97
10) Phenol	6.445	94	351512	44.446	ng		96
11) bis(2-Chloroethyl)ether	6.522	93	268760	45.080	ng		97
12) 1,3-Dichlorobenzene	6.722	146	267774	44.813	ng		98
13) 1,4-Dichlorobenzene	6.798	146	271136	44.846	ng		99
14) 1,2-Dichlorobenzene	6.951	146	257788	44.895	ng		99
15) Benzyl Alcohol	6.940	79	281731	45.634	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	328522	43.665	ng		58
17) 2-Methylphenol	7.057	107	230677	43.450	ng		91
18) Hexachloroethane	7.292	117	113043	45.212	ng		92
19) n-Nitroso-di-n-propyla...	7.210	70	220274	42.952	ng		99
20) 3+4-Methylphenols	7.210	107	301063	44.171	ng	#	81
22) Acetophenone	7.204	105	422903	42.676	ng	#	98
24) Nitrobenzene	7.375	77	341758	40.935	ng		98
25) Isophorone	7.616	82	629142	41.066	ng		98
26) 2-Nitrophenol	7.692	139	144140	43.879	ng		100
27) 2,4-Dimethylphenol	7.740	122	243218	44.357	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	348794	41.136	ng		98
29) 2,4-Dichlorophenol	7.939	162	244712	43.572	ng		95
30) 1,2,4-Trichlorobenzene	8.016	180	273074	42.454	ng		96
31) Naphthalene	8.098	128	746598	41.508	ng		100
32) Benzoic acid	7.904	122	144455	45.442	ng		93
33) 4-Chloroaniline	8.151	127	134293	18.093	ng		95
34) Hexachlorobutadiene	8.204	225	185138	41.515	ng		99
35) Caprolactam	8.551	113	70029m	42.455	ng		
36) 4-Chloro-3-methylphenol	8.651	107	287642	43.637	ng		98
37) 2-Methylnaphthalene	8.792	142	524143	40.573	ng		99
38) 1-Methylnaphthalene	8.886	142	491444	41.061	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	300484	40.577	ng		99
41) Hexachlorocyclopentadiene	8.939	237	268614	73.742	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	185004	41.505	ng		100
44) 2,4,5-Trichlorophenol	9.128	196	196573	37.881	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.257	154	666521	41.092	ng	99
47) 2-Chloronaphthalene	9.286	162	530724	42.157	ng	97
48) 2-Nitroaniline	9.392	65	185928	40.661	ng	92
49) Acenaphthylene	9.698	152	787542	40.313	ng	99
50) Dimethylphthalate	9.569	163	670824	40.951	ng	100
51) 2,6-Dinitrotoluene	9.634	165	143524	41.658	ng	87
52) Acenaphthene	9.875	154	477553	40.723	ng	100
53) 3-Nitroaniline	9.804	138	82038	24.544	ng	92
54) 2,4-Dinitrophenol	9.922	184	161778	93.520	ng	98
55) Dibenzofuran	10.045	168	741272	40.102	ng	99
56) 4-Nitrophenol	9.992	139	146422	77.770	ng	99
57) 2,4-Dinitrotoluene	10.045	165	187956	40.804	ng	95
58) Fluorene	10.392	166	593945	40.223	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	164894	42.645	ng	93
60) Diethylphthalate	10.269	149	646104	40.112	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	335195	39.653	ng	98
62) 4-Nitroaniline	10.433	138	120339	40.038	ng	96
63) Azobenzene	10.545	77	675629	39.541	ng	96
65) 4,6-Dinitro-2-methylph...	10.457	198	107931	42.805	ng	86
66) n-Nitrosodiphenylamine	10.510	169	520959	42.469	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	202882	41.479	ng	92
68) Hexachlorobenzene	10.939	284	221232	44.712	ng	95
69) Atrazine	11.039	200	139527	31.278	ng	97
70) Pentachlorophenol	11.139	266	174682	66.955	ng	98
71) Phenanthrene	11.357	178	861473	42.265	ng	99
72) Anthracene	11.410	178	865902	41.267	ng	100
73) Carbazole	11.569	167	735350	42.330	ng	99
74) Di-n-butylphthalate	11.892	149	1015202	41.970	ng	100
75) Fluoranthene	12.551	202	940283	41.019	ng	99
77) Benzidine	12.675	184	144193	18.308	ng	97
78) Pyrene	12.780	202	927590	42.899	ng	99
80) Butylbenzylphthalate	13.398	149	374068	42.859	ng	98
81) Benzo(a)anthracene	13.974	228	711122	41.229	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	159444	29.620	ng	97
83) Chrysene	14.010	228	653893	40.566	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	513828	43.455	ng	99
85) Di-n-octyl phthalate	14.568	149	707363	43.717	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	507914	49.317	ng	99
88) Benzo(b)fluoranthene	15.021	252	563845	48.954	ng	99
89) Benzo(k)fluoranthene	15.051	252	487851	42.441	ng	99
90) Benzo(a)pyrene	15.386	252	441611	42.555	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	440037	50.969	ng	98
92) Benzo(g,h,i)perylene	17.357	276	425988	46.222	ng	98

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

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