Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131961.D
Acq On : 09 Jan 2023 14:00
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 10 00:01:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 09 23:53:39 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
01/10/2023
Supervised By :Jagrut Upadhyay
01/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	94957	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	322019	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	186748	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	350946	20.000	ng		0.00
76) Chrysene-d12	13.986	240	210852	20.000	ng		0.00
86) Perylene-d12	15.445	264	156614	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	643517	111.669	ng		0.00
7) Phenol-d6	6.440	99	846067	110.732	ng		0.00
23) Nitrobenzene-d5	7.375	82	916672	118.145	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	261326	121.706	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1643119	118.778	ng		0.00
79) Terphenyl-d14	12.927	244	1839086	125.012	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	142183	56.492	ng		99
3) Pyridine	3.199	79	409915	58.031	ng		99
4) n-Nitrosodimethylamine	3.187	42	192272	57.917	ng		95
6) Aniline	6.463	93	557006	55.406	ng		98
8) 2-Chlorophenol	6.581	128	323121	55.886	ng		96
9) Benzaldehyde	6.345	77	254224	48.077	ng		99
10) Phenol	6.451	94	471580	55.327	ng		98
11) bis(2-Chloroethyl)ether	6.534	93	363278	56.539	ng		98
12) 1,3-Dichlorobenzene	6.728	146	364480	56.597	ng		98
13) 1,4-Dichlorobenzene	6.810	146	363353	55.763	ng		98
14) 1,2-Dichlorobenzene	6.963	146	338992	54.778	ng		97
15) Benzyl Alcohol	6.945	79	367955	55.301	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	441325	54.426	ng		99
17) 2-Methylphenol	7.057	107	317329	55.460	ng		97
18) Hexachloroethane	7.298	117	153832	57.087	ng		99
19) n-Nitroso-di-n-propyla...	7.228	70	303908	54.985	ng		97
20) 3+4-Methylphenols	7.216	107	404769	55.102	ng		99
22) Acetophenone	7.216	105	543909	58.012	ng	#	98
24) Nitrobenzene	7.392	77	460345	58.280	ng		99
25) Isophorone	7.634	82	857870	59.185	ng		99
26) 2-Nitrophenol	7.704	139	188456	60.636	ng		94
27) 2,4-Dimethylphenol	7.745	122	307494	59.273	ng		98
28) bis(2-Chloroethoxy)met...	7.839	93	471491	58.774	ng		99
29) 2,4-Dichlorophenol	7.945	162	315682	59.409	ng		96
30) 1,2,4-Trichlorobenzene	8.022	180	360350	59.213	ng		98
31) Naphthalene	8.104	128	997195	58.597	ng		99
32) Benzoic acid	7.916	122	192271	64.950	ng		95
33) 4-Chloroaniline	8.163	127	408823	58.215	ng		97
34) Hexachlorobutadiene	8.216	225	252010	59.728	ng		98
35) Caprolactam	8.569	113	87044m	55.726	ng		
36) 4-Chloro-3-methylphenol	8.651	107	365913	58.672	ng		98
37) 2-Methylnaphthalene	8.798	142	705004	57.681	ng		100
38) 1-Methylnaphthalene	8.898	142	656342	57.962	ng		99
40) 1,2,4,5-Tetrachloroben...	8.963	216	405317	61.593	ng		99
41) Hexachlorocyclopentadiene	8.945	237	189593	72.137	ng		97
43) 2,4,6-Trichlorophenol	9.081	196	247460	62.474	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	282840	61.335	ng	98
46) 1,1'-Biphenyl	9.269	154	855202	59.332	ng	99
47) 2-Chloronaphthalene	9.292	162	674400	60.283	ng	99
48) 2-Nitroaniline	9.398	65	241375	59.403	ng	93
49) Acenaphthylene	9.710	152	1021254	58.827	ng	99
50) Dimethylphthalate	9.580	163	852843	58.587	ng	99
51) 2,6-Dinitrotoluene	9.645	165	182167	59.500	ng	99
52) Acenaphthene	9.880	154	607395	58.287	ng	98
53) 3-Nitroaniline	9.816	138	175121	58.957	ng	94
54) 2,4-Dinitrophenol	9.922	184	102043	66.381	ng	98
55) Dibenzofuran	10.051	168	960991	58.503	ng	100
56) 4-Nitrophenol	9.980	139	107367	64.173	ng	98
57) 2,4-Dinitrotoluene	10.051	165	237305	57.973	ng	95
58) Fluorene	10.398	166	770895	58.749	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	209350m	61.593	ng	
60) Diethylphthalate	10.275	149	831430	58.086	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	441624	58.791	ng	95
62) 4-Nitroaniline	10.439	138	157292	56.836	ng	91
63) Azobenzene	10.551	77	870654	57.340	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	146414	64.694	ng	93
66) n-Nitrosodiphenylamine	10.516	169	657482	59.715	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	267341	60.894	ng	92
68) Hexachlorobenzene	10.945	284	269927	60.779	ng	93
69) Atrazine	11.045	200	237083	59.213	ng	99
70) Pentachlorophenol	11.139	266	142278	68.148	ng	94
71) Phenanthrene	11.363	178	1091742	59.675	ng	100
72) Anthracene	11.416	178	1104819	58.661	ng	100
73) Carbazole	11.574	167	903576	57.949	ng	99
74) Di-n-butylphthalate	11.898	149	1277762	58.853	ng	99
75) Fluoranthene	12.551	202	1201511	58.396	ng	98
77) Benzidine	12.680	184	346598	49.479	ng	99
78) Pyrene	12.786	202	1189793	61.869	ng	100
80) Butylbenzylphthalate	13.404	149	488882	62.980	ng	93
81) Benzo(a)anthracene	13.974	228	905035	58.998	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	261943	54.712	ng	98
83) Chrysene	14.015	228	843980	58.870	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	652400	62.037	ng	100
85) Di-n-octyl phthalate	14.574	149	873562	60.703	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	640728	66.707	ng	100
88) Benzo(b)fluoranthene	15.021	252	661211	61.555	ng	99
89) Benzo(k)fluoranthene	15.057	252	596485	55.640	ng	100
90) Benzo(a)pyrene	15.392	252	583589	60.299	ng	100
91) Dibenzo(a,h)anthracene	16.933	278	542275	67.349	ng	99
92) Benzo(g,h,i)perylene	17.362	276	523749	66.051	ng	100

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

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