Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
Data File : BF132511.D
Acq On : 22 Feb 2023 18:07
Operator : CG\JU
Sample : PB150910BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 23 01:18:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:59:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150910BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
02/23/2023
Supervised By :Jagrut Upadhyay
02/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.007	152	212416	20.000	ng		0.00
21) Naphthalene-d8	8.295	136	777511	20.000	ng		0.00
39) Acenaphthene-d10	10.060	164	415810	20.000	ng		0.00
64) Phenanthrene-d10	11.560	188	804345	20.000	ng		0.00
76) Chrysene-d12	14.213	240	489985	20.000	ng	#	0.00
86) Perylene-d12	15.765	264	428301	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.648	112	1194194	91.243	ng		0.01
7) Phenol-d6	6.642	99	1565697	91.662	ng		0.00
23) Nitrobenzene-d5	7.578	82	1047576	63.924	ng		0.00
42) 2,4,6-Tribromophenol	10.860	330	419059	93.320	ng		0.00
45) 2-Fluorobiphenyl	9.372	172	1672711	61.253	ng		0.00
79) Terphenyl-d14	13.148	244	1915286	66.089	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.007	88	291600	40.278	ng		100
3) Pyridine	3.743	79	705581	36.716	ng		100
4) n-Nitrosodimethylamine	3.713	42	298666	41.145	ng		98
6) Aniline	6.672	93	780486	33.953	ng		99
8) 2-Chlorophenol	6.801	128	563655	41.495	ng		99
9) Benzaldehyde	6.560	77	370132	40.158	ng		99
10) Phenol	6.660	94	792126	40.449	ng		98
11) bis(2-Chloroethyl)ether	6.742	93	625804	41.395	ng		99
12) 1,3-Dichlorobenzene	6.954	146	625297	42.896	ng		98
13) 1,4-Dichlorobenzene	7.031	146	621842	42.722	ng		99
14) 1,2-Dichlorobenzene	7.184	146	566530	40.556	ng		99
15) Benzyl Alcohol	7.154	79	560720	42.624	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.284	45	822161	42.647	ng		99
17) 2-Methylphenol	7.266	107	496938	39.198	ng		98
18) Hexachloroethane	7.525	117	246988	43.434	ng		96
19) n-Nitroso-di-n-propyla...	7.425	70	411177	39.114	ng		97
20) 3+4-Methylphenols	7.413	107	570000	34.802	ng		97
22) Acetophenone	7.419	105	775824	39.572	ng		95
24) Nitrobenzene	7.595	77	704966	40.223	ng		95
25) Isophorone	7.831	82	1270894	40.450	ng		98
26) 2-Nitrophenol	7.913	139	321907	41.628	ng		98
27) 2,4-Dimethylphenol	7.948	122	498738	40.864	ng		99
28) bis(2-Chloroethoxy)met...	8.036	93	751646	40.895	ng		100
29) 2,4-Dichlorophenol	8.154	162	507573	41.807	ng		97
30) 1,2,4-Trichlorobenzene	8.236	180	555470	42.135	ng		100
31) Naphthalene	8.319	128	1578053	39.646	ng		99
32) Benzoic acid	8.078	122	417176m	43.745	ng		
33) 4-Chloroaniline	8.366	127	257346	15.088	ng		94
34) Hexachlorobutadiene	8.431	225	347935	41.533	ng		100
35) Caprolactam	8.748	113	178458m	44.586	ng		
36) 4-Chloro-3-methylphenol	8.854	107	551046	41.329	ng		99
37) 2-Methylnaphthalene	9.013	142	1063765	39.216	ng		99
38) 1-Methylnaphthalene	9.113	142	981257	38.708	ng		99
40) 1,2,4,5-Tetrachloroben...	9.178	216	552229	40.592	ng		99
41) Hexachlorocyclopentadiene	9.166	237	735510	99.678	ng		99
43) 2,4,6-Trichlorophenol	9.295	196	387311	42.010	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.336	196	425249	39.519	ng	95
46) 1,1'-Biphenyl	9.478	154	1289691	40.979	ng	99
47) 2-Chloronaphthalene	9.507	162	1029551	41.261	ng	99
48) 2-Nitroaniline	9.601	65	366555	39.886	ng	99
49) Acenaphthylene	9.925	152	1597155	40.218	ng	100
50) Dimethylphthalate	9.778	163	1205662	39.822	ng	100
51) 2,6-Dinitrotoluene	9.842	165	282437	40.962	ng	99
52) Acenaphthene	10.095	154	1132681m	44.918	ng	
53) 3-Nitroaniline	10.013	138	204586	26.525	ng	98
54) 2,4-Dinitrophenol	10.125	184	351694	80.920	ng	98
55) Dibenzofuran	10.272	168	1452857	39.520	ng	98
56) 4-Nitrophenol	10.183	139	462256	80.363	ng	91
57) 2,4-Dinitrotoluene	10.248	165	382084	41.653	ng	97
58) Fluorene	10.613	166	1111035	39.511	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.389	232	341785	42.759	ng	99
60) Diethylphthalate	10.477	149	1184976	40.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	572926	39.275	ng	98
62) 4-Nitroaniline	10.636	138	299097	39.505	ng	98
63) Azobenzene	10.766	77	1265580	40.414	ng	99
65) 4,6-Dinitro-2-methylph...	10.660	198	227893	41.853	ng	97
66) n-Nitrosodiphenylamine	10.725	169	988344	39.414	ng	98
67) 4-Bromophenyl-phenylether	11.095	248	368437	40.495	ng	99
68) Hexachlorobenzene	11.166	284	408299	42.648	ng	97
69) Atrazine	11.248	200	339448	43.361	ng	99
70) Pentachlorophenol	11.360	266	434623	76.304	ng	99
71) Phenanthrene	11.583	178	1645601	39.492	ng	99
72) Anthracene	11.636	178	1692342	39.440	ng	99
73) Carbazole	11.789	167	1555040	40.195	ng	100
74) Di-n-butylphthalate	12.107	149	1774555	39.104	ng	100
75) Fluoranthene	12.777	202	1777312	39.017	ng	99
77) Benzidine	12.895	184	872212	73.125	ng	100
78) Pyrene	13.013	202	1835080	41.193	ng	100
80) Butylbenzylphthalate	13.618	149	727910	41.406	ng	99
81) Benzo(a)anthracene	14.201	228	1494047	40.752	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	299825	27.739	ng	100
83) Chrysene	14.242	228	1374022	40.079	ng	99
84) Bis(2-ethylhexyl)phtha...	14.171	149	921553	42.673	ng	100
85) Di-n-octyl phthalate	14.801	149	1302333	41.268	ng	100
87) Indeno(1,2,3-cd)pyrene	17.377	276	1276185	45.474	ng	99
88) Benzo(b)fluoranthene	15.301	252	1248268	43.490	ng	98
89) Benzo(k)fluoranthene	15.336	252	1146758	40.823	ng	99
90) Benzo(a)pyrene	15.701	252	1050113	39.091	ng	99
91) Dibenzo(a,h)anthracene	17.395	278	1048042	45.834	ng	98
92) Benzo(g,h,i)perylene	17.871	276	1081120	42.045	ng	99

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

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