Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133412.D
Acq On : 17 May 2023 14:35
Operator : CG\JU
Sample : PB152851BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 17 17:11:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152851BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	263548	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	1033104	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	528350	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	935152	20.000	ng		0.00
76) Chrysene-d12	13.880	240	576609	20.000	ng		0.00
86) Perylene-d12	15.298	264	569871	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1613053	92.457	ng		0.00
7) Phenol-d6	6.369	99	1935076	89.361	ng		0.00
23) Nitrobenzene-d5	7.287	82	1183128	61.815	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	500044	94.107	ng		0.00
45) 2-Fluorobiphenyl	9.081	172	2087255	66.092	ng		0.00
79) Terphenyl-d14	12.828	244	2196389	65.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	308676	38.144	ng		94
3) Pyridine	3.163	79	734555	34.176	ng		97
4) n-Nitrosodimethylamine	3.128	42	372666	33.475	ng		87
6) Aniline	6.381	93	859350	30.811	ng	#	25
8) 2-Chlorophenol	6.504	128	721243	40.716	ng		97
9) Benzaldehyde	6.263	77	394977	39.289	ng		97
10) Phenol	6.381	94	864266	36.178	ng	#	73
11) bis(2-Chloroethyl)ether	6.457	93	686851	38.315	ng		97
12) 1,3-Dichlorobenzene	6.657	146	771991	40.991	ng		97
13) 1,4-Dichlorobenzene	6.734	146	780989	41.377	ng		99
14) 1,2-Dichlorobenzene	6.887	146	728393	41.858	ng		98
15) Benzyl Alcohol	6.869	79	545211	36.449	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1062630	34.128	ng		85
17) 2-Methylphenol	6.987	107	605172	37.310	ng		97
18) Hexachloroethane	7.228	117	273689	41.707	ng		97
19) n-Nitroso-di-n-propyla...	7.140	70	460878	34.187	ng		95
20) 3+4-Methylphenols	7.140	107	734596	38.457	ng	#	77
22) Acetophenone	7.128	105	991171	41.417	ng	#	92
24) Nitrobenzene	7.304	77	736017	37.949	ng		100
25) Isophorone	7.545	82	1390251	38.257	ng		99
26) 2-Nitrophenol	7.622	139	418311	44.717	ng		93
27) 2,4-Dimethylphenol	7.669	122	660780	41.194	ng		99
28) bis(2-Chloroethoxy)met...	7.757	93	829761	38.597	ng		100
29) 2,4-Dichlorophenol	7.869	162	610594	41.814	ng		98
30) 1,2,4-Trichlorobenzene	7.945	180	640746	42.355	ng		99
31) Naphthalene	8.028	128	2040079	39.497	ng		99
32) Benzoic acid	7.816	122	377485	38.098	ng		92
33) 4-Chloroaniline	8.075	127	588703	28.209	ng		99
34) Hexachlorobutadiene	8.140	225	344142	41.044	ng		98
35) Caprolactam	8.457	113	217690m	44.376	ng		
36) 4-Chloro-3-methylphenol	8.569	107	653617	41.507	ng		99
37) 2-Methylnaphthalene	8.716	142	1365438	38.667	ng		99
38) 1-Methylnaphthalene	8.816	142	1260702	38.163	ng		99
40) 1,2,4,5-Tetrachloroben...	8.887	216	571845	40.254	ng		99
41) Hexachlorocyclopentadiene	8.869	237	634684	76.607	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	398507	40.563	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	428680	37.729	ng		97
46) 1,1'-Biphenyl	9.181	154	1660975	39.645	ng		99
47) 2-Chloronaphthalene	9.204	162	1262609	41.174	ng		99
48) 2-Nitroaniline	9.304	65	389341	38.417	ng		97
49) Acenaphthylene	9.616	152	1923533	39.257	ng		100
50) Dimethylphthalate	9.487	163	1467616	39.837	ng		100
51) 2,6-Dinitrotoluene	9.545	165	348689	42.052	ng		95
52) Acenaphthene	9.792	154	1409682m	42.957	ng		
53) 3-Nitroaniline	9.716	138	305809	31.017	ng		98
54) 2,4-Dinitrophenol	9.828	184	343665	82.455	ng		97
55) Dibenzofuran	9.963	168	1668836	37.280	ng		98
56) 4-Nitrophenol	9.898	139	527733	69.110	ng		99
57) 2,4-Dinitrotoluene	9.957	165	421719	39.881	ng	#	95
58) Fluorene	10.304	166	1296030	39.517	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	350222	39.759	ng		98
60) Diethylphthalate	10.187	149	1345084	38.654	ng		98
61) 4-Chlorophenyl-phenyle...	10.298	204	614798	38.467	ng		98
62) 4-Nitroaniline	10.334	138	387347	42.746	ng		96
63) Azobenzene	10.457	77	1345681	36.505	ng		98
65) 4,6-Dinitro-2-methylph...	10.369	198	247145	43.602	ng		99
66) n-Nitrosodiphenylamine	10.422	169	1170879	38.600	ng		99
67) 4-Bromophenyl-phenylether	10.786	248	390378	38.490	ng		98
68) Hexachlorobenzene	10.857	284	428264	41.208	ng		98
69) Atrazine	10.951	200	400165	45.783	ng		98
70) Pentachlorophenol	11.057	266	506495	68.431	ng		96
71) Phenanthrene	11.269	178	1921864	38.237	ng		99
72) Anthracene	11.316	178	1991890	38.725	ng		99
73) Carbazole	11.475	167	1793073	39.149	ng		99
74) Di-n-butylphthalate	11.804	149	2114307	40.792	ng		100
75) Fluoranthene	12.451	202	1934389	38.348	ng		99
77) Benzidine	12.575	184	1152033	118.148	ng	#	93
78) Pyrene	12.680	202	1975110	39.959	ng		99
80) Butylbenzylphthalate	13.304	149	853171	48.749	ng		98
81) Benzo(a)anthracene	13.869	228	1478541	37.288	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	374294	34.170	ng		99
83) Chrysene	13.910	228	1476492	37.246	ng		99
84) Bis(2-ethylhexyl)phtha...	13.863	149	993632	45.232	ng		99
85) Di-n-octyl phthalate	14.474	149	1598535	44.628	ng		96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1381267	42.611	ng		99
88) Benzo(b)fluoranthene	14.898	252	1365238	37.657	ng		99
89) Benzo(k)fluoranthene	14.927	252	1265207	35.205	ng		100
90) Benzo(a)pyrene	15.245	252	1145187	34.704	ng		99
91) Dibenzo(a,h)anthracene	16.698	278	1127016	41.686	ng		99
92) Benzo(g,h,i)perylene	17.104	276	1155941	43.307	ng		98

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

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