Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133411.D
Acq On : 17 May 2023 14:04
Operator : CG\JU
Sample : PB152566BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 17 14:24:01 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 :
PB152566BS

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	264506	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	1040237	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	534460	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	947490	20.000	ng		0.00
76) Chrysene-d12	13.880	240	569254	20.000	ng		0.00
86) Perylene-d12	15.298	264	556549	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1629315	93.051	ng		0.00
7) Phenol-d6	6.369	99	1961079	90.233	ng		0.00
23) Nitrobenzene-d5	7.286	82	1198093	62.168	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	503681	93.708	ng		0.00
45) 2-Fluorobiphenyl	9.080	172	2082923	65.201	ng		0.00
79) Terphenyl-d14	12.827	244	2180825	66.072	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	310635	38.247	ng		95
3) Pyridine	3.163	79	741316	34.366	ng		96
4) n-Nitrosodimethylamine	3.128	42	379355	33.952	ng		92
6) Aniline	6.381	93	879882	31.433	ng	#	30
8) 2-Chlorophenol	6.504	128	740625	41.659	ng		96
9) Benzaldehyde	6.263	77	399823	39.811	ng		96
10) Phenol	6.381	94	873249	36.422	ng	#	70
11) bis(2-Chloroethyl)ether	6.457	93	697686	38.778	ng		97
12) 1,3-Dichlorobenzene	6.657	146	782058	41.375	ng		98
13) 1,4-Dichlorobenzene	6.734	146	785350	41.458	ng		98
14) 1,2-Dichlorobenzene	6.887	146	733262	41.986	ng		97
15) Benzyl Alcohol	6.869	79	554310	36.923	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1093275	34.985	ng		85
17) 2-Methylphenol	6.987	107	605867	37.217	ng		96
18) Hexachloroethane	7.228	117	273698	41.557	ng		99
19) n-Nitroso-di-n-propyla...	7.139	70	471440	34.843	ng		93
20) 3+4-Methylphenols	7.139	107	741854	38.696	ng	#	78
22) Acetophenone	7.128	105	999969	41.498	ng	#	92
24) Nitrobenzene	7.304	77	741596	37.975	ng		99
25) Isophorone	7.545	82	1412504	38.603	ng		99
26) 2-Nitrophenol	7.622	139	423481	44.959	ng		92
27) 2,4-Dimethylphenol	7.669	122	670646	41.522	ng		97
28) bis(2-Chloroethoxy)met...	7.757	93	852511	39.383	ng		99
29) 2,4-Dichlorophenol	7.869	162	621149	42.245	ng		99
30) 1,2,4-Trichlorobenzene	7.945	180	646060	42.413	ng		99
31) Naphthalene	8.028	128	2070357	39.808	ng		100
32) Benzoic acid	7.816	122	378533	37.942	ng		92
33) 4-Chloroaniline	8.075	127	669240	31.848	ng		99
34) Hexachlorobutadiene	8.145	225	348176	41.240	ng		100
35) Caprolactam	8.457	113	216693m	43.870	ng		
36) 4-Chloro-3-methylphenol	8.569	107	649261	40.948	ng		98
37) 2-Methylnaphthalene	8.716	142	1363537	38.348	ng		99
38) 1-Methylnaphthalene	8.816	142	1271114	38.214	ng		100
40) 1,2,4,5-Tetrachloroben...	8.886	216	581847	40.490	ng		99
41) Hexachlorocyclopentadiene	8.869	237	632730	75.498	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	398718	40.121	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	435409	37.883	ng		98
46) 1,1'-Biphenyl	9.180	154	1683064	39.713	ng		99
47) 2-Chloronaphthalene	9.204	162	1271958	41.005	ng		100
48) 2-Nitroaniline	9.304	65	392407	38.277	ng		97
49) Acenaphthylene	9.622	152	1933455	39.009	ng		99
50) Dimethylphthalate	9.486	163	1490445	39.994	ng		99
51) 2,6-Dinitrotoluene	9.551	165	345104	41.144	ng	#	80
52) Acenaphthene	9.792	154	1414485m	42.610	ng		
53) 3-Nitroaniline	9.716	138	310659	31.149	ng		97
54) 2,4-Dinitrophenol	9.828	184	340870	80.849	ng		97
55) Dibenzofuran	9.963	168	1697065	37.477	ng		98
56) 4-Nitrophenol	9.898	139	521687	67.537	ng		98
57) 2,4-Dinitrotoluene	9.957	165	431750	40.363	ng		90
58) Fluorene	10.304	166	1291497	38.929	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	348289	39.088	ng		97
60) Diethylphthalate	10.186	149	1351287	38.388	ng		98
61) 4-Chlorophenyl-phenyle...	10.298	204	625359	38.681	ng		99
62) 4-Nitroaniline	10.333	138	383573	41.845	ng		97
63) Azobenzene	10.457	77	1361083	36.500	ng		98
65) 4,6-Dinitro-2-methylph...	10.369	198	249582	43.459	ng		99
66) n-Nitrosodiphenylamine	10.422	169	1182803	38.485	ng		99
67) 4-Bromophenyl-phenylether	10.786	248	398682	38.797	ng		98
68) Hexachlorobenzene	10.857	284	434115	41.227	ng		100
69) Atrazine	10.951	200	403246	45.534	ng		98
70) Pentachlorophenol	11.057	266	505262	67.375	ng		97
71) Phenanthrene	11.269	178	1920420	37.711	ng		100
72) Anthracene	11.316	178	2001089	38.397	ng		99
73) Carbazole	11.474	167	1791112	38.597	ng		99
74) Di-n-butylphthalate	11.804	149	2114665	40.268	ng		100
75) Fluoranthene	12.451	202	1921054	37.588	ng		99
77) Benzidine	12.574	184	1121532	116.506	ng	#	93
78) Pyrene	12.680	202	1969075	40.351	ng		98
80) Butylbenzylphthalate	13.304	149	845890	48.957	ng		98
81) Benzo(a)anthracene	13.868	228	1442288	36.844	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	361610	33.439	ng		99
83) Chrysene	13.910	228	1429432	36.525	ng		99
84) Bis(2-ethylhexyl)phtha...	13.863	149	966103	44.547	ng		99
85) Di-n-octyl phthalate	14.474	149	1555735	43.994	ng		96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1377139	43.501	ng		100
88) Benzo(b)fluoranthene	14.898	252	1344893	37.984	ng		99
89) Benzo(k)fluoranthene	14.927	252	1234304	35.167	ng		99
90) Benzo(a)pyrene	15.245	252	1122659	34.835	ng		99
91) Dibenzo(a,h)anthracene	16.698	278	1137412	43.077	ng		100
92) Benzo(g,h,i)perylene	17.104	276	1163661	44.640	ng		99

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

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