Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136444.D
Acq On : 07 Dec 2023 13:22
Operator : CG\JU
Sample : PB157532BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 07 13:52:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157532BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	125422	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	525936	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	275547	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	531039	20.000	ng	0.00
76) Chrysene-d12	13.986	240	324448	20.000	ng	0.00
86) Perylene-d12	15.462	264	246230	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1066887	125.624	ng	0.02
7) Phenol-d6	6.451	99	1344603	126.898	ng	0.00
23) Nitrobenzene-d5	7.369	82	812246	83.490	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	448287	131.945	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1636444	81.036	ng	0.00
79) Terphenyl-d14	12.927	244	2063800	83.840	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	127966	38.095	ng	97
3) Pyridine	3.428	79	281551	34.611	ng	98
4) n-Nitrosodimethylamine	3.399	42	156619	44.315	ng	97
6) Aniline	6.469	93	401191	37.465	ng	99
8) 2-Chlorophenol	6.587	128	427956	46.158	ng	98
9) Benzaldehyde	6.351	77	117358	19.189	ng	97
10) Phenol	6.463	94	497821	44.153	ng	86
11) bis(2-Chloroethyl)ether	6.545	93	371796	44.239	ng	96
12) 1,3-Dichlorobenzene	6.745	146	436841	41.896	ng	98
13) 1,4-Dichlorobenzene	6.822	146	441770	41.767	ng	99
14) 1,2-Dichlorobenzene	6.969	146	423499	42.579	ng	99
15) Benzyl Alcohol	6.951	79	322613	45.468	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	472607	43.723	ng	95
17) 2-Methylphenol	7.063	107	345567	46.135	ng	98
18) Hexachloroethane	7.310	117	155118	42.006	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	267403	43.748	ng	100
20) 3+4-Methylphenols	7.216	107	411166	44.224	ng	97
22) Acetophenone	7.216	105	574323	44.222	ng	97
24) Nitrobenzene	7.387	77	406066	41.491	ng	99
25) Isophorone	7.622	82	758676	43.406	ng	99
26) 2-Nitrophenol	7.698	139	219765	45.676	ng	98
27) 2,4-Dimethylphenol	7.739	122	365264	61.568	ng	95
28) bis(2-Chloroethoxy)met...	7.834	93	469006	43.668	ng	99
29) 2,4-Dichlorophenol	7.939	162	348587	44.515	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	378963	41.502	ng	96
31) Naphthalene	8.104	128	1234898	42.578	ng	100
32) Benzoic acid	7.881	122	280254	47.619	ng	96
33) 4-Chloroaniline	8.151	127	362833	35.091	ng	99
34) Hexachlorobutadiene	8.216	225	218098	40.302	ng	98
35) Caprolactam	8.534	113	115247m	47.790	ng	
36) 4-Chloro-3-methylphenol	8.645	107	371202	44.644	ng	96
37) 2-Methylnaphthalene	8.792	142	794914	43.081	ng	97
38) 1-Methylnaphthalene	8.892	142	737497	40.732	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	380974	44.441	ng	99
41) Hexachlorocyclopentadiene	8.945	237	383182	120.651	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	248742	44.562	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	279046	44.791	ng		98
46) 1,1'-Biphenyl	9.263	154	1012282	43.175	ng		99
47) 2-Chloronaphthalene	9.286	162	759700	41.630	ng		98
48) 2-Nitroaniline	9.386	65	222705	45.502	ng		93
49) Acenaphthylene	9.704	152	1159478	44.603	ng		99
50) Dimethylphthalate	9.569	163	899632	44.346	ng		99
51) 2,6-Dinitrotoluene	9.628	165	201614	44.175	ng		94
52) Acenaphthene	9.875	154	719302	43.180	ng		100
53) 3-Nitroaniline	9.798	138	190265	40.825	ng		97
54) 2,4-Dinitrophenol	9.910	184	225935	97.912	ng	#	90
55) Dibenzofuran	10.045	168	1065263	43.774	ng		99
56) 4-Nitrophenol	9.975	139	331677	94.934	ng		90
57) 2,4-Dinitrotoluene	10.039	165	269758	44.680	ng		97
58) Fluorene	10.392	166	839234	42.960	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	237941	47.681	ng		99
60) Diethylphthalate	10.269	149	889399	44.585	ng		98
61) 4-Chlorophenyl-phenyle...	10.380	204	410079	43.061	ng		100
62) 4-Nitroaniline	10.422	138	212160	45.846	ng		96
63) Azobenzene	10.545	77	779085	42.907	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	159765	48.579	ng		98
66) n-Nitrosodiphenylamine	10.504	169	757937	44.480	ng		100
67) 4-Bromophenyl-phenylether	10.875	248	264706	42.873	ng		96
68) Hexachlorobenzene	10.939	284	300991	42.179	ng		96
69) Atrazine	11.033	200	179924	36.995	ng		99
70) Pentachlorophenol	11.139	266	324963	80.688	ng		99
71) Phenanthrene	11.357	178	1297567	44.455	ng		99
72) Anthracene	11.410	178	1321541	44.952	ng		100
73) Carbazole	11.569	167	1175832	45.189	ng		99
74) Di-n-butylphthalate	11.898	149	1423337	44.621	ng		100
75) Fluoranthene	12.551	202	1350403	44.149	ng		99
77) Benzidine	12.669	184	239597	35.213	ng		98
78) Pyrene	12.780	202	1363173	42.901	ng		99
80) Butylbenzylphthalate	13.404	149	537431	47.512	ng		93
81) Benzo(a)anthracene	13.974	228	1002184	44.345	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	327888	51.745	ng		99
83) Chrysene	14.015	228	971819	43.706	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	688684	49.665	ng		99
85) Di-n-octyl phthalate	14.586	149	1046750	51.105	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	856929	50.095	ng		100
88) Benzo(b)fluoranthene	15.027	252	806877	47.927	ng		99
89) Benzo(k)fluoranthene	15.063	252	751478	47.364	ng		99
90) Benzo(a)pyrene	15.404	252	663292	47.707	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	714637	50.994	ng		99
92) Benzo(g,h,i)perylene	17.439	276	719342	50.010	ng		99

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

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