Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
Data File : BF135955.D
Acq On : 25 Oct 2023 22:32
Operator : CG\JU
Sample : PB156472BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 26 04:34:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156472BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	175811	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	695768	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	351428	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	639502	20.000	ng		0.00
76) Chrysene-d12	14.009	240	409967	20.000	ng		0.00
86) Perylene-d12	15.486	264	392865	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1421978	124.894	ng		0.02
7) Phenol-d6	6.463	99	1766018	124.591	ng		0.00
23) Nitrobenzene-d5	7.392	82	1015149	93.158	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	457905	148.862	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1840338	83.853	ng		0.00
79) Terphenyl-d14	12.957	244	2230306	90.894	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	205338	38.825	ng		99
3) Pyridine	3.463	79	495312	33.930	ng		100
4) n-Nitrosodimethylamine	3.434	42	280682	44.097	ng		99
6) Aniline	6.486	93	674305	35.330	ng		98
8) 2-Chlorophenol	6.610	128	565766	48.001	ng		97
9) Benzaldehyde	6.375	77	145869	19.024	ng		98
10) Phenol	6.475	94	695168m	46.912	ng		
11) bis(2-Chloroethyl)ether	6.563	93	530040	45.953	ng		96
12) 1,3-Dichlorobenzene	6.763	146	582218	46.505	ng		99
13) 1,4-Dichlorobenzene	6.839	146	589156	46.857	ng		97
14) 1,2-Dichlorobenzene	6.992	146	559533	47.922	ng		99
15) Benzyl Alcohol	6.969	79	374768	37.401	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	770422	45.355	ng		100
17) 2-Methylphenol	7.075	107	448337	43.158	ng		97
18) Hexachloroethane	7.333	117	208072	48.667	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	362100	44.923	ng		97
20) 3+4-Methylphenols	7.233	107	535708	42.728	ng	#	80
22) Acetophenone	7.239	105	730026	46.455	ng	#	90
24) Nitrobenzene	7.410	77	547703	47.559	ng		98
25) Isophorone	7.645	82	1000543	45.494	ng		100
26) 2-Nitrophenol	7.722	139	242992	55.850	ng		97
27) 2,4-Dimethylphenol	7.763	122	448179	44.713	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	615281	45.559	ng		99
29) 2,4-Dichlorophenol	7.963	162	444048	49.472	ng		96
30) 1,2,4-Trichlorobenzene	8.045	180	488459	48.064	ng		100
31) Naphthalene	8.127	128	1541690	45.831	ng		100
32) Benzoic acid	7.886	122	299889	56.298	ng		91
33) 4-Chloroaniline	8.174	127	287850	19.361	ng		97
34) Hexachlorobutadiene	8.245	225	270322	47.192	ng		99
35) Caprolactam	8.551	113	155593m	52.092	ng		
36) 4-Chloro-3-methylphenol	8.657	107	467234	48.984	ng		99
37) 2-Methylnaphthalene	8.822	142	970481	43.604	ng		100
38) 1-Methylnaphthalene	8.916	142	945375	45.458	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	448580	45.194	ng		99
41) Hexachlorocyclopentadiene	8.974	237	530125	108.316	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	286415	49.302	ng		99

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44) 2,4,5-Trichlorophenol	9.139	196	329358	47.750	ng		96
46) 1,1'-Biphenyl	9.286	154	1211195	45.485	ng		99
47) 2-Chloronaphthalene	9.310	162	924850	46.955	ng		98
48) 2-Nitroaniline	9.404	65	277815	50.927	ng		100
49) Acenaphthylene	9.727	152	1470957	47.339	ng		99
50) Dimethylphthalate	9.592	163	1030988	45.239	ng		100
51) 2,6-Dinitrotoluene	9.651	165	235200	49.600	ng	#	85
52) Acenaphthene	9.898	154	982115m	49.318	ng		
53) 3-Nitroaniline	9.816	138	189767	34.938	ng		93
54) 2,4-Dinitrophenol	9.921	184	195759	94.265	ng		98
55) Dibenzofuran	10.068	168	1298564	45.138	ng		100
56) 4-Nitrophenol	9.980	139	437864	94.062	ng		97
57) 2,4-Dinitrotoluene	10.057	165	311566	52.634	ng		95
58) Fluorene	10.416	166	972510	45.185	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	283798	54.678	ng		98
60) Diethylphthalate	10.298	149	985597	45.352	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	464331	44.724	ng		98
62) 4-Nitroaniline	10.439	138	259692	46.547	ng		95
63) Azobenzene	10.568	77	989665	44.874	ng		100
65) 4,6-Dinitro-2-methylph...	10.457	198	128775	56.786	ng		99
66) n-Nitrosodiphenylamine	10.527	169	908185	47.009	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	301418	46.024	ng		99
68) Hexachlorobenzene	10.957	284	355117	50.759	ng		96
69) Atrazine	11.063	200	296746	56.345	ng		99
70) Pentachlorophenol	11.157	266	411756	92.149	ng		99
71) Phenanthrene	11.380	178	1511957	46.731	ng		99
72) Anthracene	11.433	178	1548299	46.737	ng		100
73) Carbazole	11.586	167	1407775	47.637	ng		99
74) Di-n-butylphthalate	11.927	149	1516253	48.217	ng		100
75) Fluoranthene	12.574	202	1618166	47.540	ng		99
77) Benzidine	12.698	184	499044	63.130	ng		99
78) Pyrene	12.804	202	1654683	48.070	ng		99
80) Butylbenzylphthalate	13.439	149	621583	47.798	ng		97
81) Benzo(a)anthracene	13.998	228	1343449	48.195	ng		100
82) 3,3'-Dichlorobenzidine	13.962	252	353559	41.690	ng		98
83) Chrysene	14.033	228	1263713	46.546	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	730752	51.625	ng	#	99
85) Di-n-octyl phthalate	14.621	149	1184782	53.134	ng		99
87) Indeno(1,2,3-cd)pyrene	16.997	276	1143890	51.349	ng		99
88) Benzo(b)fluoranthene	15.056	252	1136713	48.618	ng		100
89) Benzo(k)fluoranthene	15.086	252	1057335	46.046	ng		100
90) Benzo(a)pyrene	15.427	252	964742	44.771	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	958516	50.304	ng		99
92) Benzo(g,h,i)perylene	17.456	276	907118	42.351	ng		99

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

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