Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134939.D
Acq On : 25 Aug 2023 14:06
Operator : CG\JU
Sample : PB155049BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 25 14:30:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155049BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/26/2023
Supervised By :mohammad ahmed
08/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	118953	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	489314	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	259589	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	495438	20.000	ng	0.00
76) Chrysene-d12	13.974	240	248833	20.000	ng	0.00
86) Perylene-d12	15.445	264	252052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	964565	129.307	ng	0.01
7) Phenol-d6	6.434	99	1233736	129.433	ng	0.00
23) Nitrobenzene-d5	7.357	82	773230	87.076	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	400124	130.874	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1422889	84.735	ng	0.00
79) Terphenyl-d14	12.921	244	1705605	94.276	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	117639	36.338	ng	99
3) Pyridine	3.369	79	311511	35.708	ng	100
4) n-Nitrosodimethylamine	3.322	42	176809	45.839	ng	95
6) Aniline	6.457	93	392864	33.347	ng	97
8) 2-Chlorophenol	6.575	128	394650	50.420	ng	96
9) Benzaldehyde	6.345	77	148512	28.408	ng	96
10) Phenol	6.451	94	464947	47.643	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	347836	46.987	ng	97
12) 1,3-Dichlorobenzene	6.734	146	397018	48.632	ng	97
13) 1,4-Dichlorobenzene	6.810	146	403218	49.348	ng	97
14) 1,2-Dichlorobenzene	6.957	146	386604	51.045	ng	100
15) Benzyl Alcohol	6.939	79	337222	50.917	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	488128	45.535	ng	99
17) 2-Methylphenol	7.051	107	310599	45.850	ng	99
18) Hexachloroethane	7.298	117	146454	49.525	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	253982	45.623	ng	98
20) 3+4-Methylphenols	7.204	107	368624	51.696	ng	96
22) Acetophenone	7.204	105	502089	46.425	ng	97
24) Nitrobenzene	7.375	77	396633	44.514	ng	99
25) Isophorone	7.616	82	723593	43.639	ng	100
26) 2-Nitrophenol	7.686	139	210066	47.355	ng	100
27) 2,4-Dimethylphenol	7.728	122	320362	44.278	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	435522	44.069	ng	100
29) 2,4-Dichlorophenol	7.933	162	326454	45.666	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	349795	46.090	ng	99
31) Naphthalene	8.092	128	1107244	45.318	ng	99
32) Benzoic acid	7.863	122	263603	49.368	ng	99
33) 4-Chloroaniline	8.145	127	204404	19.498	ng	98
34) Hexachlorobutadiene	8.210	225	205141	45.448	ng	97
35) Caprolactam	8.516	113	111608m	50.012	ng	
36) 4-Chloro-3-methylphenol	8.633	107	357384	47.374	ng	99
37) 2-Methylnaphthalene	8.786	142	705691	43.310	ng	98
38) 1-Methylnaphthalene	8.886	142	675850	44.359	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	341113	43.124	ng	99
41) Hexachlorocyclopentadiene	8.939	237	346133	98.836	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	235794	45.136	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.110	196	256812	42.461	ng		97
46)	1,1'-Biphenyl	9.251	154	901377	43.982	ng		99
47)	2-Chloronaphthalene	9.275	162	693261	45.296	ng		99
48)	2-Nitroaniline	9.375	65	226925	45.104	ng		96
49)	Acenaphthylene	9.692	152	1078625	45.763	ng		100
50)	Dimethylphthalate	9.563	163	838217	45.363	ng		99
51)	2,6-Dinitrotoluene	9.622	165	191202	46.916	ng		95
52)	Acenaphthene	9.863	154	645269	43.457	ng		99
53)	3-Nitroaniline	9.792	138	143446	32.226	ng		96
54)	2,4-Dinitrophenol	9.904	184	207552	107.635	ng		94
55)	Dibenzofuran	10.039	168	953532	44.108	ng		96
56)	4-Nitrophenol	9.963	139	306456	98.792	ng		96
57)	2,4-Dinitrotoluene	10.027	165	251584	49.917	ng		91
58)	Fluorene	10.380	166	753512	45.956	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.157	232	224715	47.688	ng		99
60)	Diethylphthalate	10.263	149	802695	47.415	ng		99
61)	4-Chlorophenyl-phenyle...	10.374	204	365754	44.499	ng		96
62)	4-Nitroaniline	10.410	138	204647	49.180	ng		99
63)	Azobenzene	10.539	77	761180	45.260	ng		96
65)	4,6-Dinitro-2-methylph...	10.439	198	145532	49.782	ng		92
66)	n-Nitrosodiphenylamine	10.498	169	694815	43.550	ng		99
67)	4-Bromophenyl-phenylether	10.869	248	245733	42.991	ng		94
68)	Hexachlorobenzene	10.927	284	283020	46.557	ng		94
69)	Atrazine	11.033	200	247076	57.030	ng		99
70)	Pentachlorophenol	11.127	266	276907	75.691	ng		99
71)	Phenanthrene	11.351	178	1181429	45.506	ng		100
72)	Anthracene	11.398	178	1202904	45.221	ng		100
73)	Carbazole	11.557	167	1057668	48.253	ng		99
74)	Di-n-butylphthalate	11.892	149	1258888	50.077	ng		99
75)	Fluoranthene	12.539	202	1209188	49.156	ng		99
77)	Benzidine	12.668	184	292940	72.559	ng		99
78)	Pyrene	12.774	202	1208853	45.820	ng		99
80)	Butylbenzylphthalate	13.398	149	440344	54.782	ng		98
81)	Benzo(a)anthracene	13.968	228	793306	46.727	ng		99
82)	3,3'-Dichlorobenzidine	13.933	252	203265	37.828	ng	#	98
83)	Chrysene	14.004	228	770554	46.001	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.962	149	494207	56.758	ng		99
85)	Di-n-octyl phthalate	14.580	149	751273	52.912	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.945	276	878912	48.784	ng		99
88)	Benzo(b)fluoranthene	15.015	252	759499	53.408	ng		99
89)	Benzo(k)fluoranthene	15.051	252	673135	48.204	ng		98
90)	Benzo(a)pyrene	15.386	252	666686	46.962	ng		99
91)	Dibenzo(a,h)anthracene	16.962	278	721134	49.469	ng		100
92)	Benzo(g,h,i)perylene	17.398	276	704830	47.232	ng		100

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

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