Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136684.D
Acq On : 22 Dec 2023 13:58
Operator : CG\JU
Sample : PB157714BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 22 14:37:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157714BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	90830	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	369978	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	186986	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	345000	20.000	ng		0.00
76) Chrysene-d12	13.968	240	174019	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	150095	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	680573	116.909	ng		0.01
7) Phenol-d6	6.439	99	839870	111.343	ng		0.00
23) Nitrobenzene-d5	7.351	82	532110	73.595	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	239575	108.790	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1001386	72.029	ng		0.00
79) Terphenyl-d14	12.910	244	985417	79.134	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	72072	29.714	ng		97
3) Pyridine	3.393	79	173081	29.246	ng		100
4) n-Nitrosodimethylamine	3.357	42	129392	40.942	ng		97
6) Aniline	6.451	93	191271	25.362	ng	#	1
8) 2-Chlorophenol	6.575	128	269274	42.269	ng		97
9) Benzaldehyde	6.339	77	67439	15.718	ng		97
10) Phenol	6.451	94	308777	38.346	ng		98
11) bis(2-Chloroethyl)ether	6.528	93	249409	40.729	ng		100
12) 1,3-Dichlorobenzene	6.728	146	262876	37.826	ng		98
13) 1,4-Dichlorobenzene	6.804	146	271356	38.214	ng		98
14) 1,2-Dichlorobenzene	6.951	146	260242	39.386	ng		99
15) Benzyl Alcohol	6.934	79	205704	40.422	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	407832	40.735	ng		98
17) 2-Methylphenol	7.051	107	215753	40.881	ng		96
18) Hexachloroethane	7.292	117	100220	38.863	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	179445	39.244	ng		99
20) 3+4-Methylphenols	7.204	107	259943	39.425	ng	#	73
22) Acetophenone	7.198	105	362325	39.071	ng		99
24) Nitrobenzene	7.369	77	276496	38.175	ng		98
25) Isophorone	7.610	82	497084	37.783	ng		100
26) 2-Nitrophenol	7.681	139	141671	40.883	ng		92
27) 2,4-Dimethylphenol	7.728	122	213183	50.532	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	306911	38.378	ng		99
29) 2,4-Dichlorophenol	7.928	162	210486	38.754	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	228314	37.729	ng		98
31) Naphthalene	8.086	128	771861	37.975	ng		100
32) Benzoic acid	7.875	122	162900	39.907	ng		97
33) 4-Chloroaniline	8.133	127	174536	23.257	ng		98
34) Hexachlorobutadiene	8.198	225	135597	36.880	ng		99
35) Caprolactam	8.522	113	69293m	38.673	ng		
36) 4-Chloro-3-methylphenol	8.633	107	236001	38.597	ng		99
37) 2-Methylnaphthalene	8.775	142	480594	36.740	ng		100
38) 1-Methylnaphthalene	8.875	142	460695	35.898	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	232048	40.071	ng		99
41) Hexachlorocyclopentadiene	8.928	237	169755	91.208	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	147583	39.739	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	161953	39.133	ng	#	94
46) 1,1'-Biphenyl	9.245	154	608622	38.788	ng		100
47) 2-Chloronaphthalene	9.269	162	453995	38.060	ng		99
48) 2-Nitroaniline	9.369	65	151023	40.430	ng		98
49) Acenaphthylene	9.686	152	737017	40.423	ng		99
50) Dimethylphthalate	9.551	163	536141	39.255	ng		99
51) 2,6-Dinitrotoluene	9.616	165	119387	38.516	ng		95
52) Acenaphthene	9.857	154	429165	37.972	ng		99
53) 3-Nitroaniline	9.786	138	102604	31.248	ng		89
54) 2,4-Dinitrophenol	9.898	184	129712	75.716	ng		94
55) Dibenzofuran	10.027	168	656800	38.337	ng		99
56) 4-Nitrophenol	9.963	139	171601	77.417	ng		98
57) 2,4-Dinitrotoluene	10.022	165	151950	37.761	ng		97
58) Fluorene	10.374	166	509880	37.508	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	140046	43.960	ng		97
60) Diethylphthalate	10.251	149	547212	38.615	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	246430	37.295	ng		99
62) 4-Nitroaniline	10.404	138	108919m	34.409	ng		
63) Azobenzene	10.527	77	504940	38.150	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	82724	41.839	ng		90
66) n-Nitrosodiphenylamine	10.486	169	462032	41.226	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	152964	39.923	ng		99
68) Hexachlorobenzene	10.922	284	169581	39.716	ng		99
69) Atrazine	11.022	200	114303	39.876	ng		98
70) Pentachlorophenol	11.121	266	142259	71.479	ng		99
71) Phenanthrene	11.339	178	727728	41.109	ng		99
72) Anthracene	11.392	178	727902	40.602	ng		99
73) Carbazole	11.551	167	663240	39.239	ng		100
74) Di-n-butylphthalate	11.880	149	837670	40.614	ng		99
75) Fluoranthene	12.533	202	713594	37.686	ng		100
77) Benzidine	12.651	184	32175	6.271	ng		98
78) Pyrene	12.763	202	703168	41.162	ng		100
80) Butylbenzylphthalate	13.386	149	268308	43.164	ng		99
81) Benzo(a)anthracene	13.957	228	486643	40.273	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	142952	41.657	ng		97
83) Chrysene	13.992	228	456635	38.644	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	337197	43.115	ng		99
85) Di-n-octyl phthalate	14.562	149	536165	44.320	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	560494	51.720	ng		99
88) Benzo(b)fluoranthene	15.009	252	439796	43.870	ng		99
89) Benzo(k)fluoranthene	15.039	252	427420	45.121	ng		99
90) Benzo(a)pyrene	15.380	252	389091	45.980	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	462494	52.020	ng		96
92) Benzo(g,h,i)perylene	17.403	276	463928	50.948	ng		100

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

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