Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
Data File : BF136140.D
Acq On : 04 Nov 2023 11:03
Operator : CG\JU
Sample : PB156876BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 00:58:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156876BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

11/06/2023
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11/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	92423	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	371314	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	195696	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	352417	20.000	ng	0.00
76) Chrysene-d12	14.010	240	169738	20.000	ng	0.00
86) Perylene-d12	15.492	264	179182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	717626	122.013	ng	0.01
7) Phenol-d6	6.457	99	882174	120.383	ng	0.00
23) Nitrobenzene-d5	7.386	82	534065	86.705	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	276512	132.378	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1031664	84.037	ng	0.00
79) Terphenyl-d14	12.951	244	1071666	98.116	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	94955	37.076	ng	99
3) Pyridine	3.398	79	209188	29.924	ng	96
4) n-Nitrosodimethylamine	3.363	42	122182	41.803	ng	88
6) Aniline	6.481	93	299924	31.612	ng	97
8) 2-Chlorophenol	6.604	128	279238	44.408	ng	99
9) Benzaldehyde	6.369	77	89851	21.989	ng	95
10) Phenol	6.469	94	334301	44.106	ng	89
11) bis(2-Chloroethyl)ether	6.563	93	250592	42.232	ng	98
12) 1,3-Dichlorobenzene	6.763	146	286165	43.726	ng	98
13) 1,4-Dichlorobenzene	6.839	146	294672	44.928	ng	98
14) 1,2-Dichlorobenzene	6.986	146	279392	45.557	ng	96
15) Benzyl Alcohol	6.963	79	228724	44.019	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	340316	41.668	ng	99
17) 2-Methylphenol	7.075	107	215627	40.422	ng	97
18) Hexachloroethane	7.328	117	105339	45.696	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	178149	42.547	ng	99
20) 3+4-Methylphenols	7.228	107	264986	40.737	ng	98
22) Acetophenone	7.234	105	369939	44.930	ng	96
24) Nitrobenzene	7.404	77	272088	43.670	ng	95
25) Isophorone	7.639	82	499283	42.936	ng	99
26) 2-Nitrophenol	7.716	139	138401	48.687	ng	90
27) 2,4-Dimethylphenol	7.757	122	239138	44.518	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	300921	42.235	ng	99
29) 2,4-Dichlorophenol	7.957	162	224420	44.316	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	250022	45.258	ng	98
31) Naphthalene	8.122	128	771858	43.107	ng	99
32) Benzoic acid	7.875	122	170244	40.461	ng	98
33) 4-Chloroaniline	8.169	127	232671	29.672	ng	98
34) Hexachlorobutadiene	8.239	225	147451	46.542	ng	100
35) Caprolactam	8.545	113	74017m	44.951	ng	
36) 4-Chloro-3-methylphenol	8.651	107	241258	45.379	ng	95
37) 2-Methylnaphthalene	8.816	142	504543	42.024	ng	99
38) 1-Methylnaphthalene	8.916	142	473565	42.385	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	239192	42.858	ng	99
41) Hexachlorocyclopentadiene	8.969	237	282021	94.585	ng	97
43) 2,4,6-Trichlorophenol	9.092	196	157789	43.361	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	173886	41.251	ng		99
46) 1,1'-Biphenyl	9.280	154	641959	43.032	ng		99
47) 2-Chloronaphthalene	9.304	162	483079	43.926	ng		98
48) 2-Nitroaniline	9.404	65	150430	46.219	ng		94
49) Acenaphthylene	9.722	152	737645	42.995	ng		99
50) Dimethylphthalate	9.586	163	574501	44.506	ng		100
51) 2,6-Dinitrotoluene	9.645	165	127613	46.223	ng		92
52) Acenaphthene	9.892	154	474357	43.492	ng		100
53) 3-Nitroaniline	9.816	138	119760	37.176	ng		97
54) 2,4-Dinitrophenol	9.922	184	124459	82.861	ng		88
55) Dibenzofuran	10.069	168	681777	42.869	ng		97
56) 4-Nitrophenol	9.975	139	207839	86.253	ng	#	78
57) 2,4-Dinitrotoluene	10.051	165	169276	48.460	ng		97
58) Fluorene	10.410	166	523523	43.966	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	146472m	43.706	ng		
60) Diethylphthalate	10.292	149	595124	48.252	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	259425	43.646	ng		94
62) 4-Nitroaniline	10.433	138	128543	41.439	ng		94
63) Azobenzene	10.569	77	510533	42.981	ng		96
65) 4,6-Dinitro-2-methylph...	10.457	198	88878	46.152	ng		86
66) n-Nitrosodiphenylamine	10.527	169	471052	44.309	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	164277	44.461	ng		94
68) Hexachlorobenzene	10.957	284	186426	47.242	ng	#	91
69) Atrazine	11.051	200	104601	36.163	ng		96
70) Pentachlorophenol	11.157	266	200654	79.175	ng		98
71) Phenanthrene	11.374	178	790408	44.544	ng		100
72) Anthracene	11.427	178	803159	44.172	ng		100
73) Carbazole	11.586	167	683961	43.288	ng		98
74) Di-n-butylphthalate	11.921	149	799850	44.302	ng		99
75) Fluoranthene	12.568	202	755672	41.455	ng		98
77) Benzidine	12.698	184	184628	55.807	ng		98
78) Pyrene	12.798	202	750383	50.143	ng		100
80) Butylbenzylphthalate	13.433	149	239855	44.776	ng		96
81) Benzo(a)anthracene	13.998	228	495122	44.061	ng		100
82) 3,3'-Dichlorobenzidine	13.962	252	160244	44.679	ng		99
83) Chrysene	14.033	228	467751	42.267	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	264320	42.353	ng	#	97
85) Di-n-octyl phthalate	14.621	149	400174	42.803	ng		99
87) Indeno(1,2,3-cd)pyrene	17.009	276	612658	52.317	ng		97
88) Benzo(b)fluoranthene	15.057	252	487383	45.969	ng		99
89) Benzo(k)fluoranthene	15.086	252	432774	41.253	ng		99
90) Benzo(a)pyrene	15.433	252	421799	42.816	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	504249	52.567	ng		99
92) Benzo(g,h,i)perylene	17.474	276	510147	46.789	ng		97

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

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