Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136939.D
Acq On : 04 Jan 2024 14:06
Operator : CG\JU
Sample : PB158038BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 04 14:35:24 2024
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 :
PB158038BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

01/05/2024
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01/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	89477	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	354306	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	186066	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	363757	20.000	ng		0.00
76) Chrysene-d12	13.974	240	200039	20.000	ng		0.00
86) Perylene-d12	15.457	264	154085	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	642195	111.985	ng		0.02
7) Phenol-d6	6.445	99	808872	108.855	ng		0.00
23) Nitrobenzene-d5	7.357	82	501905	72.488	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	247549	112.967	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1011989	73.152	ng		0.00
79) Terphenyl-d14	12.916	244	1142279	79.799	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	79749	33.376	ng		97
3) Pyridine	3.422	79	184908	31.717	ng		93
4) n-Nitrosodimethylamine	3.387	42	111903	35.944	ng		98
6) Aniline	6.457	93	248963	33.511	ng	#	13
8) 2-Chlorophenol	6.581	128	251856	40.132	ng		94
9) Benzaldehyde	6.340	77	104483	24.720	ng		96
10) Phenol	6.457	94	296236	37.345	ng		92
11) bis(2-Chloroethyl)ether	6.528	93	232035	38.464	ng		98
12) 1,3-Dichlorobenzene	6.728	146	251084	36.676	ng		97
13) 1,4-Dichlorobenzene	6.804	146	256129	36.615	ng		97
14) 1,2-Dichlorobenzene	6.951	146	242249	37.217	ng		99
15) Benzyl Alcohol	6.939	79	194710	38.841	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	365035	37.012	ng		73
17) 2-Methylphenol	7.057	107	204649	39.364	ng	#	93
18) Hexachloroethane	7.287	117	93308	36.729	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	172781	38.358	ng		97
20) 3+4-Methylphenols	7.210	107	255223	39.295	ng	#	54
22) Acetophenone	7.198	105	347963	39.182	ng	#	90
24) Nitrobenzene	7.375	77	254610	36.709	ng		93
25) Isophorone	7.610	82	474312	37.647	ng		99
26) 2-Nitrophenol	7.687	139	133870	40.341	ng		99
27) 2,4-Dimethylphenol	7.728	122	223201	55.247	ng		100
28) bis(2-Chloroethoxy)met...	7.816	93	296989	38.780	ng		100
29) 2,4-Dichlorophenol	7.934	162	207021	39.802	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	216144	37.297	ng		98
31) Naphthalene	8.086	128	727377	37.369	ng		100
32) Benzoic acid	7.886	122	158271	40.489	ng		98
33) 4-Chloroaniline	8.139	127	143418	19.956	ng		94
34) Hexachlorobutadiene	8.198	225	126279	35.865	ng		99
35) Caprolactam	8.528	113	73392m	42.773	ng		
36) 4-Chloro-3-methylphenol	8.639	107	231914	39.607	ng		97
37) 2-Methylnaphthalene	8.775	142	476835	38.065	ng		100
38) 1-Methylnaphthalene	8.875	142	441503	35.924	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	227291	39.444	ng		99
41) Hexachlorocyclopentadiene	8.928	237	162006	87.676	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	144712	39.159	ng		98

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44) 2,4,5-Trichlorophenol	9.116	196	157649	38.282	ng		97
46) 1,1'-Biphenyl	9.245	154	611624	39.172	ng		99
47) 2-Chloronaphthalene	9.269	162	448772	37.808	ng		100
48) 2-Nitroaniline	9.375	65	145631	39.180	ng		93
49) Acenaphthylene	9.686	152	705807	38.903	ng		99
50) Dimethylphthalate	9.551	163	551487	40.578	ng		100
51) 2,6-Dinitrotoluene	9.622	165	120395	39.033	ng		93
52) Acenaphthene	9.857	154	430605	38.288	ng		98
53) 3-Nitroaniline	9.792	138	97394	29.808	ng		88
54) 2,4-Dinitrophenol	9.904	184	112291	66.356	ng	#	88
55) Dibenzofuran	10.033	168	651606	38.222	ng		97
56) 4-Nitrophenol	9.975	139	142655	64.676	ng		96
57) 2,4-Dinitrotoluene	10.028	165	149457	37.325	ng		92
58) Fluorene	10.375	166	528378	39.061	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	131783	41.571	ng		98
60) Diethylphthalate	10.251	149	551633	39.120	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	253531	38.560	ng		99
62) 4-Nitroaniline	10.416	138	116750	37.066	ng		93
63) Azobenzene	10.528	77	510599	38.768	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	83309	39.962	ng		100
66) n-Nitrosodiphenylamine	10.492	169	472953	40.025	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	160186	39.652	ng		98
68) Hexachlorobenzene	10.927	284	172985	38.424	ng		94
69) Atrazine	11.027	200	216852	71.750	ng		99
70) Pentachlorophenol	11.127	266	131385	62.611	ng		97
71) Phenanthrene	11.345	178	753541	40.373	ng		99
72) Anthracene	11.398	178	766143	40.532	ng		99
73) Carbazole	11.557	167	696125	39.061	ng		100
74) Di-n-butylphthalate	11.880	149	902090	41.482	ng		100
75) Fluoranthene	12.539	202	780697	39.104	ng		99
77) Benzidine	12.663	184	179955	30.510	ng		99
78) Pyrene	12.769	202	783362	39.892	ng		99
80) Butylbenzylphthalate	13.386	149	327584	45.845	ng		96
81) Benzo(a)anthracene	13.963	228	566382	40.775	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	155349	39.381	ng		99
83) Chrysene	14.004	228	534792	39.371	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	456079	50.730	ng	#	96
85) Di-n-octyl phthalate	14.563	149	666423	47.921	ng		98
87) Indeno(1,2,3-cd)pyrene	16.980	276	473154	42.530	ng		100
88) Benzo(b)fluoranthene	15.021	252	437158	42.478	ng		99
89) Benzo(k)fluoranthene	15.051	252	434909	44.723	ng		98
90) Benzo(a)pyrene	15.392	252	369505	42.535	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	398479	43.659	ng		96
92) Benzo(g,h,i)perylene	17.433	276	391618	41.893	ng		100

01/05/2024
Supervised By :mohammad ahmed

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

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