Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136903.D
Acq On : 03 Jan 2024 12:36
Operator : CG\JU
Sample : PB158099BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 03 13:28:29 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 :
PB158099BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	83657	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	336137	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	176772	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	353564	20.000	ng		0.00
76) Chrysene-d12	13.968	240	200118	20.000	ng		0.00
86) Perylene-d12	15.445	264	161109	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	605377	112.909	ng		0.01
7) Phenol-d6	6.439	99	772945	111.257	ng		0.00
23) Nitrobenzene-d5	7.351	82	471813	71.825	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	243046	116.743	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	965253	73.442	ng		-0.01
79) Terphenyl-d14	12.910	244	1113958	77.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	77703	34.782	ng		95
3) Pyridine	3.398	79	174334	31.984	ng		97
4) n-Nitrosodimethylamine	3.363	42	106350	36.537	ng		99
6) Aniline	6.451	93	245923	35.405	ng	#	13
8) 2-Chlorophenol	6.575	128	237546	40.486	ng		95
9) Benzaldehyde	6.339	77	99211	25.106	ng		98
10) Phenol	6.451	94	286102	38.577	ng		94
11) bis(2-Chloroethyl)ether	6.528	93	225150	39.920	ng		94
12) 1,3-Dichlorobenzene	6.722	146	238583	37.274	ng		99
13) 1,4-Dichlorobenzene	6.798	146	241587	36.939	ng		98
14) 1,2-Dichlorobenzene	6.951	146	229445	37.702	ng		99
15) Benzyl Alcohol	6.934	79	192338	41.037	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	344191	37.326	ng		83
17) 2-Methylphenol	7.045	107	189714	39.030	ng		98
18) Hexachloroethane	7.286	117	87391	36.793	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	161000	38.229	ng		95
20) 3+4-Methylphenols	7.204	107	238180	39.222	ng	#	59
22) Acetophenone	7.192	105	328360	38.973	ng	#	91
24) Nitrobenzene	7.369	77	234870	35.693	ng		94
25) Isophorone	7.604	82	447043	37.401	ng		100
26) 2-Nitrophenol	7.681	139	127352	40.451	ng		99
27) 2,4-Dimethylphenol	7.722	122	213960	55.822	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	276873	38.108	ng		99
29) 2,4-Dichlorophenol	7.928	162	191282	38.764	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	202840	36.894	ng		100
31) Naphthalene	8.081	128	680085	36.828	ng		99
32) Benzoic acid	7.875	122	153993	41.523	ng		98
33) 4-Chloroaniline	8.133	127	134551	19.734	ng		97
34) Hexachlorobutadiene	8.192	225	118051	35.341	ng		98
35) Caprolactam	8.522	113	70721m	43.444	ng		
36) 4-Chloro-3-methylphenol	8.633	107	219320	39.480	ng		100
37) 2-Methylnaphthalene	8.775	142	449350	37.810	ng		99
38) 1-Methylnaphthalene	8.875	142	415047	35.597	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	212326	38.784	ng		99
41) Hexachlorocyclopentadiene	8.922	237	157708	89.716	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	138899	39.562	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	148643	37.992	ng		99
46) 1,1'-Biphenyl	9.239	154	577183	38.910	ng		99
47) 2-Chloronaphthalene	9.269	162	425257	37.710	ng		98
48) 2-Nitroaniline	9.369	65	141109	39.959	ng		99
49) Acenaphthylene	9.680	152	686414	39.823	ng		99
50) Dimethylphthalate	9.551	163	514588	39.854	ng		99
51) 2,6-Dinitrotoluene	9.616	165	114194	38.969	ng		99
52) Acenaphthene	9.851	154	410790	38.447	ng		100
53) 3-Nitroaniline	9.786	138	92895	29.926	ng		87
54) 2,4-Dinitrophenol	9.898	184	112705	69.892	ng	#	89
55) Dibenzofuran	10.027	168	621183	38.353	ng		99
56) 4-Nitrophenol	9.969	139	156605	74.734	ng		95
57) 2,4-Dinitrotoluene	10.022	165	147124	38.674	ng		95
58) Fluorene	10.369	166	510109	39.693	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	129162	42.887	ng		97
60) Diethylphthalate	10.251	149	526454	39.297	ng		97
61) 4-Chlorophenyl-phenyle...	10.363	204	238621	38.200	ng		98
62) 4-Nitroaniline	10.410	138	115303	38.531	ng		95
63) Azobenzene	10.522	77	487251	38.940	ng		97
65) 4,6-Dinitro-2-methylph...	10.433	198	81675	40.308	ng		96
66) n-Nitrosodiphenylamine	10.486	169	458274	39.901	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	149627	38.106	ng	#	90
68) Hexachlorobenzene	10.921	284	168135	38.424	ng		96
69) Atrazine	11.027	200	210031	71.497	ng		95
70) Pentachlorophenol	11.121	266	134439	65.913	ng		94
71) Phenanthrene	11.339	178	728118	40.135	ng		100
72) Anthracene	11.392	178	745523	40.578	ng		100
73) Carbazole	11.551	167	685501	39.574	ng		100
74) Di-n-butylphthalate	11.880	149	859340	40.656	ng		98
75) Fluoranthene	12.533	202	772188	39.793	ng		99
77) Benzidine	12.657	184	185904	31.506	ng		98
78) Pyrene	12.763	202	768492	39.119	ng		99
80) Butylbenzylphthalate	13.386	149	315827	44.183	ng		96
81) Benzo(a)anthracene	13.957	228	562167	40.455	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	153133	38.804	ng		98
83) Chrysene	13.998	228	534614	39.342	ng		100
84) Bis(2-ethylhexyl)phtha...	13.945	149	424482	47.197	ng		98
85) Di-n-octyl phthalate	14.562	149	612985	44.061	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	482040	41.440	ng		99
88) Benzo(b)fluoranthene	15.015	252	447998	41.633	ng		99
89) Benzo(k)fluoranthene	15.045	252	426759	41.972	ng		99
90) Benzo(a)pyrene	15.386	252	371308	40.879	ng		100
91) Dibenzo(a,h)anthracene	16.974	278	398304	41.737	ng		99
92) Benzo(g,h,i)perylene	17.415	276	402983	41.229	ng		99

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

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