Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137382.D
Acq On : 26 Feb 2024 13:17
Operator : CG\JU
Sample : PB159212BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 26 13:37:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB159212BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	229331	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	948117	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	531443	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	946741	20.000	ng	0.00
76) Chrysene-d12	13.980	240	508241	20.000	ng	0.00
86) Perylene-d12	15.457	264	436313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1993135	134.106	ng	0.02
7) Phenol-d6	6.445	99	2772586	126.817	ng	0.00
23) Nitrobenzene-d5	7.363	82	1700533	89.544	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	688898	148.860	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2861366	83.823	ng	0.00
79) Terphenyl-d14	12.927	244	3291646	90.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	310419	38.127	ng	100
3) Pyridine	3.416	79	689954	33.800	ng	98
4) n-Nitrosodimethylamine	3.387	42	352383	45.317	ng	97
6) Aniline	6.469	93	661428	25.511	ng	94
8) 2-Chlorophenol	6.587	128	783200	49.132	ng	98
9) Benzaldehyde	6.351	77	169969	16.148	ng	96
10) Phenol	6.457	94	1089823	45.547	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	796467	45.809	ng	97
12) 1,3-Dichlorobenzene	6.740	146	787757	46.018	ng	99
13) 1,4-Dichlorobenzene	6.816	146	815651	46.278	ng	99
14) 1,2-Dichlorobenzene	6.969	146	772283	47.372	ng	97
15) Benzyl Alcohol	6.945	79	706072	54.178	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1330302	46.033	ng	100
17) 2-Methylphenol	7.057	107	675930	44.815	ng	98
18) Hexachloroethane	7.304	117	280282	46.149	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	606874	45.046	ng	96
20) 3+4-Methylphenols	7.210	107	771271	44.865	ng	89
22) Acetophenone	7.210	105	1053363	45.816	ng	98
24) Nitrobenzene	7.381	77	902045	46.745	ng	94
25) Isophorone	7.622	82	1800794	45.853	ng	100
26) 2-Nitrophenol	7.698	139	362068	49.036	ng	98
27) 2,4-Dimethylphenol	7.739	122	597146	41.344	ng	97
28) bis(2-Chloroethoxy)met...	7.834	93	1053595	46.544	ng	99
29) 2,4-Dichlorophenol	7.939	162	663275	48.996	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	686196	47.225	ng	99
31) Naphthalene	8.098	128	2260212	44.422	ng	99
32) Benzoic acid	7.887	122	417729	47.371	ng	98
33) 4-Chloroaniline	8.151	127	263913	13.638	ng	97
34) Hexachlorobutadiene	8.216	225	391425	45.346	ng	99
35) Caprolactam	8.534	113	206849m	49.410	ng	
36) 4-Chloro-3-methylphenol	8.639	107	748252	48.755	ng	98
37) 2-Methylnaphthalene	8.792	142	1404823	42.848	ng	99
38) 1-Methylnaphthalene	8.892	142	1347572	43.473	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	673859	46.037	ng	99
41) Hexachlorocyclopentadiene	8.945	237	665198	100.233	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	476037	50.158	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	495810	45.537	ng	98
46) 1,1'-Biphenyl	9.257	154	1744635	45.073	ng	99
47) 2-Chloronaphthalene	9.281	162	1378624	47.163	ng	99
48) 2-Nitroaniline	9.386	65	436222	49.034	ng	92
49) Acenaphthylene	9.698	152	2238081	47.125	ng	99
50) Dimethylphthalate	9.569	163	1695068	46.159	ng	99
51) 2,6-Dinitrotoluene	9.628	165	351170	51.403	ng	91
52) Acenaphthene	9.869	154	1257980	44.373	ng	99
53) 3-Nitroaniline	9.798	138	224946	29.759	ng	99
54) 2,4-Dinitrophenol	9.904	184	348390	100.896	ng	97
55) Dibenzofuran	10.045	168	1939303	44.260	ng	99
56) 4-Nitrophenol	9.969	139	560130	95.781	ng	96
57) 2,4-Dinitrotoluene	10.033	165	441512	51.048	ng	98
58) Fluorene	10.386	166	1460997	43.661	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	444107	49.255	ng	94
60) Diethylphthalate	10.269	149	1602680	46.745	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	712591	43.291	ng	99
62) 4-Nitroaniline	10.422	138	345133m	48.018	ng	
63) Azobenzene	10.539	77	1861797	45.387	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	224907	48.528	ng	98
66) n-Nitrosodiphenylamine	10.504	169	1351572	43.957	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	465523	45.739	ng	99
68) Hexachlorobenzene	10.933	284	499508	47.443	ng	98
69) Atrazine	11.039	200	387734	46.727	ng	99
70) Pentachlorophenol	11.133	266	611852	91.722	ng	98
71) Phenanthrene	11.351	178	2261224	43.291	ng	100
72) Anthracene	11.404	178	2279563	42.348	ng	98
73) Carbazole	11.563	167	2029750	44.133	ng	99
74) Di-n-butylphthalate	11.898	149	2376649	51.645	ng	100
75) Fluoranthene	12.545	202	2220086	43.543	ng	99
77) Benzidine	12.674	184	197663	26.421	ng	96
78) Pyrene	12.774	202	2237028	46.548	ng	99
80) Butylbenzylphthalate	13.404	149	423251	56.283	ng	96
81) Benzo(a)anthracene	13.968	228	1630314	46.227	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	327249	40.652	ng	99
83) Chrysene	14.010	228	1624936	45.103	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	546186	56.481	ng	98
85) Di-n-octyl phthalate	14.586	149	972314	56.156	ng	94
87) Indeno(1,2,3-cd)pyrene	16.968	276	1511014	49.936	ng	99
88) Benzo(b)fluoranthene	15.027	252	1281048	47.862	ng	99
89) Benzo(k)fluoranthene	15.057	252	1341531	47.821	ng	99
90) Benzo(a)pyrene	15.398	252	1200187	47.273	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1229032	49.599	ng	97
92) Benzo(g,h,i)perylene	17.427	276	1229636	48.047	ng	99

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

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