Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF139994.D
Acq On : 24 Oct 2024 11:49
Operator : RC/JU
Sample : PB164315BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164315BS

Quant Time: Oct 24 12:21:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	143702	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	566601	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	302186	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	535948	20.000	ng	0.00
76) Chrysene-d12	14.051	240	260625	20.000	ng	0.00
86) Perylene-d12	15.527	264	282742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1160292	126.402	ng	0.02
7) Phenol-d6	6.516	99	1462769	123.038	ng	0.00
23) Nitrobenzene-d5	7.451	82	954892	93.405	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	446749	158.054	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1707500	93.386	ng	0.00
79) Terphenyl-d14	12.998	244	1703690	106.518	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	154698	36.146	ng	95
3) Pyridine	3.516	79	411484	38.788	ng	95
4) n-Nitrosodimethylamine	3.463	42	234738	41.185	ng	96
6) Aniline	6.551	93	439543	39.670	ng	99
8) 2-Chlorophenol	6.675	128	450392	47.995	ng	96
9) Benzaldehyde	6.440	77	107591	16.087	ng	98
10) Phenol	6.528	94	563191	45.949	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	430120	45.402	ng	97
12) 1,3-Dichlorobenzene	6.834	146	476596	44.243	ng	99
13) 1,4-Dichlorobenzene	6.910	146	487421	45.290	ng	98
14) 1,2-Dichlorobenzene	7.063	146	465007	46.296	ng	99
15) Benzyl Alcohol	7.028	79	404111	46.338	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	708497	43.860	ng	97
17) 2-Methylphenol	7.140	107	372824	46.592	ng	99
18) Hexachloroethane	7.404	117	174507	45.471	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	324409	44.991	ng	95
20) 3+4-Methylphenols	7.287	107	452339	44.196	ng	94
22) Acetophenone	7.298	105	606884	43.730	ng	98
24) Nitrobenzene	7.469	77	489244	43.649	ng	100
25) Isophorone	7.710	82	884582	45.589	ng	99
26) 2-Nitrophenol	7.787	139	236831	56.009	ng	95
27) 2,4-Dimethylphenol	7.816	122	371793	52.731	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	532172	45.268	ng	100
29) 2,4-Dichlorophenol	8.022	162	370712	46.160	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	393537	44.285	ng	99
31) Naphthalene	8.192	128	1298729	44.444	ng	100
32) Benzoic acid	7.934	122	295362	48.029	ng	94
33) 4-Chloroaniline	8.239	127	191995	19.268	ng	98
34) Hexachlorobutadiene	8.310	225	252882	45.291	ng	100
35) Caprolactam	8.651	113	37658	14.747	ng	89
36) 4-Chloro-3-methylphenol	8.716	107	403239	45.345	ng	97
37) 2-Methylnaphthalene	8.886	142	823280	46.002	ng	99
38) 1-Methylnaphthalene	8.986	142	760399	43.306	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	388519	47.656	ng	99
41) Hexachlorocyclopentadiene	9.039	237	514537	181.387	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	293862	50.913	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	295995	49.705	ng		99
46) 1,1'-Biphenyl	9.351	154	990678	47.093	ng		99
47) 2-Chloronaphthalene	9.375	162	789590	46.602	ng		99
48) 2-Nitroaniline	9.469	65	269390	51.986	ng		93
49) Acenaphthylene	9.792	152	1234528	50.400	ng		99
50) Dimethylphthalate	9.651	163	921453	48.955	ng		100
51) 2,6-Dinitrotoluene	9.710	165	205171	50.343	ng		95
52) Acenaphthene	9.963	154	863112	54.470	ng		99
53) 3-Nitroaniline	9.875	138	125115	29.770	ng		97
54) 2,4-Dinitrophenol	9.986	184	224090	128.071	ng	#	1
55) Dibenzofuran	10.133	168	1095379	48.181	ng		99
56) 4-Nitrophenol	10.033	139	342409	105.897	ng		96
57) 2,4-Dinitrotoluene	10.116	165	274243	54.720	ng		96
58) Fluorene	10.480	166	821779	47.458	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	246416	52.785	ng		96
60) Diethylphthalate	10.351	149	883265	47.793	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	419283	47.948	ng		98
62) 4-Nitroaniline	10.492	138	195741	49.313	ng		95
63) Azobenzene	10.628	77	905569	46.220	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	150164	68.690	ng		90
66) n-Nitrosodiphenylamine	10.586	169	771009	48.066	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	274971	49.802	ng		97
68) Hexachlorobenzene	11.028	284	308047	49.608	ng		94
69) Atrazine	11.116	200	249571	57.436	ng		99
70) Pentachlorophenol	11.216	266	373703	99.161	ng		99
71) Phenanthrene	11.439	178	1205859	47.632	ng		100
72) Anthracene	11.492	178	1233007	49.919	ng		100
73) Carbazole	11.645	167	1052474	45.816	ng		99
74) Di-n-butylphthalate	11.975	149	1249126	47.065	ng		100
75) Fluoranthene	12.627	202	1184700	46.291	ng		100
77) Benzidine	12.745	184	199428	46.535	ng		99
78) Pyrene	12.857	202	1178350	51.652	ng		100
80) Butylbenzylphthalate	13.474	149	366950	53.652	ng		98
81) Benzo(a)anthracene	14.045	228	854961	50.393	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	178968	36.180	ng		98
83) Chrysene	14.080	228	755642	48.577	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	411236	53.591	ng		99
85) Di-n-octyl phthalate	14.645	149	701121	50.233	ng		96
87) Indeno(1,2,3-cd)pyrene	17.033	276	1030056	56.629	ng		98
88) Benzo(b)fluoranthene	15.098	252	745894	43.307	ng		99
89) Benzo(k)fluoranthene	15.127	252	765437	51.531	ng		99
90) Benzo(a)pyrene	15.468	252	745619	52.612	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	843072	55.560	ng		99
92) Benzo(g,h,i)perylene	17.486	276	798685	52.694	ng		99

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

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