Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139970.D
Acq On : 23 Oct 2024 17:59
Operator : RC/JU
Sample : P4397-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 01:10:33 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	6.893	152	145719	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	539980	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	259652	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	394534	20.000	ng		0.00
76) Chrysene-d12	14.057	240	319585	20.000	ng		0.00
86) Perylene-d12	15.533	264	328571	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1184189	127.220	ng		0.03
7) Phenol-d6	6.516	99	1422654	118.007	ng		0.00
23) Nitrobenzene-d5	7.451	82	970341	99.596	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	341029	140.416	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1601722	101.950	ng		0.00
79) Terphenyl-d14	12.998	244	1549414	79.001	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	165499	38.134	ng	#	79
3) Pyridine	3.587	79	281056	26.127	ng		96
4) n-Nitrosodimethylamine	3.516	42	229291	39.672	ng		97
6) Aniline	6.557	93	163876	14.585	ng		97
8) 2-Chlorophenol	6.675	128	431885	45.386	ng		99
9) Benzaldehyde	6.446	77	27124	3.999	ng		92
10) Phenol	6.534	94	504851m	40.620	ng		
11) bis(2-Chloroethyl)ether	6.628	93	429093	44.667	ng		99
12) 1,3-Dichlorobenzene	6.834	146	446954	40.917	ng		99
13) 1,4-Dichlorobenzene	6.910	146	452366	41.451	ng		98
14) 1,2-Dichlorobenzene	7.063	146	437203	42.925	ng		98
15) Benzyl Alcohol	7.028	79	394187	44.575	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	692518	42.277	ng		97
17) 2-Methylphenol	7.140	107	362384	44.661	ng		99
18) Hexachloroethane	7.404	117	156969	40.335	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	318826	43.605	ng		96
20) 3+4-Methylphenols	7.293	107	447860	43.152	ng	#	81
22) Acetophenone	7.298	105	589821	44.596	ng		99
24) Nitrobenzene	7.475	77	464539	43.488	ng		98
25) Isophorone	7.710	82	850487	45.993	ng		99
26) 2-Nitrophenol	7.787	139	219714	54.522	ng		95
27) 2,4-Dimethylphenol	7.822	122	363608	54.112	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	511077	45.617	ng		100
29) 2,4-Dichlorophenol	8.028	162	351914	45.980	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	365443	43.151	ng		99
31) Naphthalene	8.193	128	1433262	51.466	ng		100
32) Benzoic acid	7.922	122	252244	43.040	ng		97
33) 4-Chloroaniline	8.240	127	56215	5.920	ng		98
34) Hexachlorobutadiene	8.310	225	231750	43.553	ng		99
35) Caprolactam	8.598	113	95747	39.344	ng		94
36) 4-Chloro-3-methylphenol	8.716	107	367844	43.404	ng		96
37) 2-Methylnaphthalene	8.887	142	831760	48.767	ng		99
38) 1-Methylnaphthalene	8.987	142	773515	46.225	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	358813	51.222	ng		99
41) Hexachlorocyclopentadiene	9.040	237	201420	82.637	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	259089	52.241	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	252046	49.258	ng		97
46) 1,1'-Biphenyl	9.351	154	904792	50.056	ng		99
47) 2-Chloronaphthalene	9.375	162	704968	48.424	ng		99
48) 2-Nitroaniline	9.463	65	234065	52.569	ng		96
49) Acenaphthylene	9.792	152	1069289	50.805	ng		100
50) Dimethylphthalate	9.645	163	840924	51.995	ng		100
51) 2,6-Dinitrotoluene	9.710	165	178345	50.929	ng		92
52) Acenaphthene	9.963	154	752606	55.277	ng		100
53) 3-Nitroaniline	9.875	138	71967	19.929	ng		94
54) 2,4-Dinitrophenol	9.981	184	127551	87.042	ng	#	1
55) Dibenzofuran	10.134	168	931769	47.698	ng		98
56) 4-Nitrophenol	10.028	139	248396	89.405	ng		97
57) 2,4-Dinitrotoluene	10.110	165	223785	51.967	ng		96
58) Fluorene	10.475	166	707194	47.531	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	195120	48.643	ng		95
60) Diethylphthalate	10.345	149	763940	48.108	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	352123	46.864	ng		99
62) 4-Nitroaniline	10.486	138	142265	41.712	ng		96
63) Azobenzene	10.628	77	737131	43.786	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	90649	56.329	ng		93
66) n-Nitrosodiphenylamine	10.586	169	631286	53.461	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	216597	53.291	ng		96
68) Hexachlorobenzene	11.022	284	226101	49.463	ng		99
69) Atrazine	11.110	200	161884	50.609	ng		98
70) Pentachlorophenol	11.216	266	281614	101.510	ng		99
71) Phenanthrene	11.439	178	974942	52.315	ng		99
72) Anthracene	11.492	178	953433	52.435	ng		100
73) Carbazole	11.645	167	815066	48.199	ng		99
74) Di-n-butylphthalate	11.975	149	1050412	53.764	ng		99
75) Fluoranthene	12.628	202	985425	52.306	ng		99
77) Benzidine	12.745	184	196024	37.302	ng		99
78) Pyrene	12.857	202	1030796	36.848	ng		100
80) Butylbenzylphthalate	13.475	149	443486	52.879	ng		98
81) Benzo(a)anthracene	14.045	228	1045118	50.237	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	237087	39.086	ng		99
83) Chrysene	14.080	228	966611	50.675	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	614398	65.295	ng	#	99
85) Di-n-octyl phthalate	14.645	149	1119671	65.421	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	705835	33.392	ng		99
88) Benzo(b)fluoranthene	15.098	252	1120485	55.982	ng		99
89) Benzo(k)fluoranthene	15.127	252	912998	52.892	ng		100
90) Benzo(a)pyrene	15.469	252	899666	54.628	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	598921	33.965	ng		98
92) Benzo(g,h,i)perylene	17.474	276	501683	28.483	ng		98

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

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