Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139971.D
Acq On : 23 Oct 2024 18:28
Operator : RC/JU
Sample : P4397-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

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

Quant Time: Oct 24 01:10:59 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	137496	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	502859	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	242617	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	363131	20.000	ng		0.00
76) Chrysene-d12	14.057	240	305569	20.000	ng		0.00
86) Perylene-d12	15.533	264	311545	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1225492	139.531	ng		0.03
7) Phenol-d6	6.516	99	1477382	129.876	ng		0.00
23) Nitrobenzene-d5	7.451	82	1009040	111.213	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	350375	154.393	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1650095	112.404	ng		0.00
79) Terphenyl-d14	12.998	244	1592275	84.910	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.899	88	170207	41.564	ng	#	80
3) Pyridine	3.599	79	310393	30.580	ng		95
4) n-Nitrosodimethylamine	3.528	42	236790	43.420	ng		95
6) Aniline	6.557	93	172832	16.302	ng		97
8) 2-Chlorophenol	6.675	128	451643	50.301	ng		99
9) Benzaldehyde	6.446	77	27050	4.227	ng		92
10) Phenol	6.534	94	520184m	44.356	ng		
11) bis(2-Chloroethyl)ether	6.628	93	437994	48.320	ng		99
12) 1,3-Dichlorobenzene	6.834	146	465766	45.190	ng		98
13) 1,4-Dichlorobenzene	6.910	146	466553	45.308	ng		99
14) 1,2-Dichlorobenzene	7.063	146	446998	46.512	ng		98
15) Benzyl Alcohol	7.028	79	408219	48.922	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	712316	46.086	ng		97
17) 2-Methylphenol	7.140	107	372657	48.674	ng		99
18) Hexachloroethane	7.404	117	163287	44.468	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	325882	47.235	ng		95
20) 3+4-Methylphenols	7.293	107	460612	47.035	ng	#	80
22) Acetophenone	7.298	105	607644	49.335	ng		99
24) Nitrobenzene	7.475	77	487597	49.017	ng		97
25) Isophorone	7.710	82	883102	51.282	ng		99
26) 2-Nitrophenol	7.787	139	221380	58.991	ng		97
27) 2,4-Dimethylphenol	7.816	122	376929	60.236	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	530666	50.862	ng		99
29) 2,4-Dichlorophenol	8.022	162	367175	51.515	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	375220	47.576	ng		99
31) Naphthalene	8.192	128	1475280	56.885	ng		100
32) Benzoic acid	7.922	122	258420	47.349	ng		97
33) 4-Chloroaniline	8.240	127	47003	5.315	ng		98
34) Hexachlorobutadiene	8.310	225	240622	48.558	ng		99
35) Caprolactam	8.598	113	97605	43.068	ng		94
36) 4-Chloro-3-methylphenol	8.716	107	379896	48.136	ng		97
37) 2-Methylnaphthalene	8.887	142	853619	53.743	ng		99
38) 1-Methylnaphthalene	8.987	142	797249	51.160	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	373726	57.097	ng		99
41) Hexachlorocyclopentadiene	9.039	237	214740	94.288	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	265846	57.367	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	256132	53.572	ng		99
46) 1,1'-Biphenyl	9.351	154	943666	55.872	ng		100
47) 2-Chloronaphthalene	9.375	162	726392	53.399	ng		99
48) 2-Nitroaniline	9.463	65	238771	57.391	ng		95
49) Acenaphthylene	9.792	152	1082454	55.041	ng		100
50) Dimethylphthalate	9.645	163	864443	57.202	ng		100
51) 2,6-Dinitrotoluene	9.710	165	181141	55.360	ng		94
52) Acenaphthene	9.963	154	777728	61.133	ng		99
53) 3-Nitroaniline	9.875	138	60382	17.895	ng		98
54) 2,4-Dinitrophenol	9.981	184	133653	96.818	ng	#	1
55) Dibenzofuran	10.134	168	952626	52.190	ng		98
56) 4-Nitrophenol	10.028	139	253848	97.783	ng		96
57) 2,4-Dinitrotoluene	10.110	165	228275	56.731	ng		95
58) Fluorene	10.475	166	716351	51.527	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	195676	52.207	ng		96
60) Diethylphthalate	10.345	149	795465	53.610	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	360807	51.391	ng		98
62) 4-Nitroaniline	10.486	138	145450	45.640	ng		95
63) Azobenzene	10.628	77	743674	47.276	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	94987	64.129	ng		91
66) n-Nitrosodiphenylamine	10.586	169	640036	58.890	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	218757	58.477	ng		97
68) Hexachlorobenzene	11.022	284	230847	54.868	ng		99
69) Atrazine	11.110	200	164318	55.813	ng		99
70) Pentachlorophenol	11.216	266	289137	113.234	ng		100
71) Phenanthrene	11.439	178	1006570	58.683	ng		99
72) Anthracene	11.492	178	966636	57.759	ng		100
73) Carbazole	11.639	167	834210	53.597	ng		99
74) Di-n-butylphthalate	11.975	149	1066617	59.315	ng		100
75) Fluoranthene	12.627	202	1023615	59.032	ng		100
77) Benzidine	12.745	184	154077	30.665	ng		99
78) Pyrene	12.857	202	1058288	39.566	ng		100
80) Butylbenzylphthalate	13.474	149	457311	57.029	ng		99
81) Benzo(a)anthracene	14.045	228	1075786	54.083	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	231729	39.955	ng		100
83) Chrysene	14.080	228	1005483	55.131	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	643508	71.526	ng		100
85) Di-n-octyl phthalate	14.645	149	1177689	71.968	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	729499	36.398	ng		99
88) Benzo(b)fluoranthene	15.098	252	1164759	61.374	ng		100
89) Benzo(k)fluoranthene	15.127	252	966378	59.044	ng		100
90) Benzo(a)pyrene	15.468	252	932048	59.687	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	614593	36.758	ng		99
92) Benzo(g,h,i)perylene	17.474	276	516991	30.956	ng		99

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

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