Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
Data File : BF138571.D
Acq On : 15 Jul 2024 16:40
Operator : CG\JU
Sample : P3115-17MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20071MS

Quant Time: Jul 15 17:26:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	98000	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	401746	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	226745	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	376571	20.000	ng	#	0.00
76) Chrysene-d12	14.027	240	184299	20.000	ng		0.00
86) Perylene-d12	15.492	264	195824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	777226	125.606	ng		0.02
7) Phenol-d6	6.510	99	996184	121.019	ng		0.00
23) Nitrobenzene-d5	7.433	82	742669	90.762	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	296698	140.007	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1315013	90.641	ng		0.00
79) Terphenyl-d14	12.974	244	1140542	100.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.857	88	115138	42.013	ng	#	80
3) Pyridine	3.563	79	246334	36.449	ng		98
4) n-Nitrosodimethylamine	3.504	42	218061	49.564	ng		94
6) Aniline	6.534	93	198984	25.808	ng	#	70
8) 2-Chlorophenol	6.657	128	341742	52.230	ng		97
9) Benzaldehyde	6.422	77	21362	4.848	ng		95
10) Phenol	6.528	94	402739	46.094	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	347881	52.882	ng		99
12) 1,3-Dichlorobenzene	6.810	146	348145	47.337	ng		98
13) 1,4-Dichlorobenzene	6.886	146	352350	47.178	ng		99
14) 1,2-Dichlorobenzene	7.039	146	336529	48.380	ng		98
15) Benzyl Alcohol	7.016	79	329976	53.415	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	632982	48.929	ng		93
17) 2-Methylphenol	7.128	107	273634	51.029	ng		94
18) Hexachloroethane	7.375	117	129703	47.240	ng		94
19) n-Nitroso-di-n-propyla...	7.286	70	264610	52.024	ng		94
20) 3+4-Methylphenols	7.281	107	342094	50.661	ng		91
22) Acetophenone	7.281	105	453350	46.463	ng		99
24) Nitrobenzene	7.451	77	400510	48.165	ng		97
25) Isophorone	7.692	82	734675	52.283	ng		98
26) 2-Nitrophenol	7.769	139	187944	52.735	ng		99
27) 2,4-Dimethylphenol	7.804	122	254022	57.992	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	429748	51.172	ng		99
29) 2,4-Dichlorophenol	8.010	162	299181	52.597	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	316623	47.782	ng		98
31) Naphthalene	8.169	128	1015964	48.625	ng		99
32) Benzoic acid	7.945	122	204084	48.850	ng		96
33) 4-Chloroaniline	8.222	127	89888	12.261	ng		97
34) Hexachlorobutadiene	8.280	225	181256	44.420	ng		99
35) Caprolactam	8.604	113	82896	45.162	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	339761	53.354	ng		99
37) 2-Methylnaphthalene	8.863	142	679688	50.550	ng		99
38) 1-Methylnaphthalene	8.963	142	628262	47.877	ng		97
40) 1,2,4,5-Tetrachloroben...	9.027	216	293341	46.418	ng		99
41) Hexachlorocyclopentadiene	9.010	237	279908	136.460	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	213177	52.883	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	228758	51.595	ng		96
46) 1,1'-Biphenyl	9.327	154	808657	47.059	ng		99
47) 2-Chloronaphthalene	9.351	162	650141	50.082	ng		99
48) 2-Nitroaniline	9.451	65	244598	54.373	ng		95
49) Acenaphthylene	9.769	152	1019769	55.330	ng		100
50) Dimethylphthalate	9.633	163	798235	54.443	ng		100
51) 2,6-Dinitrotoluene	9.692	165	174564	51.710	ng		88
52) Acenaphthene	9.939	154	618218	50.461	ng		99
53) 3-Nitroaniline	9.863	138	80977	23.404	ng		97
54) 2,4-Dinitrophenol	9.974	184	195982	106.528	ng		91
55) Dibenzofuran	10.110	168	920619	51.807	ng		99
56) 4-Nitrophenol	10.033	139	223109	87.391	ng		99
57) 2,4-Dinitrotoluene	10.098	165	232476	53.224	ng		99
58) Fluorene	10.457	166	721576	51.319	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	193301	55.243	ng		99
60) Diethylphthalate	10.327	149	773651	54.735	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	358521	50.779	ng		98
62) 4-Nitroaniline	10.480	138	141317	40.758	ng		94
63) Azobenzene	10.604	77	794629	52.290	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	136743	62.889	ng	#	76
66) n-Nitrosodiphenylamine	10.569	169	614806	54.493	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	212499	54.903	ng		99
68) Hexachlorobenzene	10.998	284	229817	53.449	ng		99
69) Atrazine	11.092	200	134548	35.970	ng		98
70) Pentachlorophenol	11.198	266	257762	101.310	ng		98
71) Phenanthrene	11.416	178	1009710	53.074	ng		99
72) Anthracene	11.468	178	1032396	54.667	ng		99
73) Carbazole	11.621	167	788842	46.481	ng		99
74) Di-n-butylphthalate	11.945	149	1059455	54.157	ng		99
75) Fluoranthene	12.604	202	900270	46.375	ng		99
77) Benzidine	12.727	184	44948	9.667	ng		96
78) Pyrene	12.833	202	885826	47.348	ng		99
80) Butylbenzylphthalate	13.445	149	326098	57.942	ng		99
81) Benzo(a)anthracene	14.015	228	667227	53.954	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	46823	14.694	ng		93
83) Chrysene	14.057	228	640313	54.733	ng		98
84) Bis(2-ethylhexyl)phtha...	13.998	149	409684	68.254	ng		100
85) Di-n-octyl phthalate	14.609	149	701175	73.947	ng		100
87) Indeno(1,2,3-cd)pyrene	16.974	276	582796	44.307	ng		99
88) Benzo(b)fluoranthene	15.068	252	622121	56.412	ng		98
89) Benzo(k)fluoranthene	15.098	252	583483	54.249	ng		99
90) Benzo(a)pyrene	15.433	252	549592	56.730	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	481978	44.795	ng		99
92) Benzo(g,h,i)perylene	17.415	276	427785	37.494	ng		97

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

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