Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140795.D
Acq On : 10 Dec 2024 10:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 10 10:27:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	109804	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	416335	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	236601	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	435620	20.000	ng		0.00
76) Chrysene-d12	14.051	240	252154	20.000	ng		0.00
86) Perylene-d12	15.551	264	232565	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	542149	84.243	ng		0.00
7) Phenol-d6	6.516	99	720577	84.695	ng		0.00
23) Nitrobenzene-d5	7.434	82	668034	82.074	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	214600	84.807	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1294041	81.489	ng		-0.01
79) Terphenyl-d14	12.980	244	1342965	82.932	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	112677	41.643	ng		99
3) Pyridine	3.393	79	267813	44.985	ng		99
4) n-Nitrosodimethylamine	3.363	42	141477	40.433	ng		90
6) Aniline	6.534	93	281318	46.977	ng	#	79
8) 2-Chlorophenol	6.657	128	294855	42.586	ng		100
9) Benzaldehyde	6.422	77	167165	37.115	ng		96
10) Phenol	6.528	94	369558	42.533	ng		95
11) bis(2-Chloroethyl)ether	6.604	93	284049	42.721	ng		99
12) 1,3-Dichlorobenzene	6.804	146	329507	42.354	ng		99
13) 1,4-Dichlorobenzene	6.881	146	333481	42.334	ng		99
14) 1,2-Dichlorobenzene	7.039	146	310614	42.081	ng		99
15) Benzyl Alcohol	7.016	79	257458	40.805	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	323367	41.168	ng		74
17) 2-Methylphenol	7.134	107	235348	42.464	ng		95
18) Hexachloroethane	7.375	117	122159	41.521	ng		99
19) n-Nitroso-di-n-propyla...	7.286	70	209309	41.627	ng		94
20) 3+4-Methylphenols	7.286	107	308640	43.325	ng	#	86
22) Acetophenone	7.281	105	420910	41.469	ng		97
24) Nitrobenzene	7.457	77	346924	41.240	ng		97
25) Isophorone	7.692	82	565357	41.644	ng		99
26) 2-Nitrophenol	7.769	139	163051	43.737	ng		95
27) 2,4-Dimethylphenol	7.810	122	198925m	44.597	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	351072	42.449	ng		100
29) 2,4-Dichlorophenol	8.016	162	257410	43.552	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	284305	42.129	ng		100
31) Naphthalene	8.169	128	904837	42.194	ng		99
32) Benzoic acid	7.969	122	164343	43.188	ng		99
33) 4-Chloroaniline	8.228	127	285939	44.534	ng		99
34) Hexachlorobutadiene	8.281	225	186861	41.805	ng		99
35) Caprolactam	8.604	113	78193m	42.750	ng		
36) 4-Chloro-3-methylphenol	8.716	107	282857	42.744	ng		99
37) 2-Methylnaphthalene	8.857	142	580377	42.609	ng		100
38) 1-Methylnaphthalene	8.957	142	566751	42.449	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	288981	41.721	ng		98
41) Hexachlorocyclopentadiene	9.010	237	51368	37.278	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	177813	40.911	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	198042	41.985	ng	96
46) 1,1'-Biphenyl	9.322	154	738135	41.786	ng	99
47) 2-Chloronaphthalene	9.351	162	562272	42.007	ng	99
48) 2-Nitroaniline	9.457	65	175242	40.789	ng	95
49) Acenaphthylene	9.769	152	821276	40.609	ng	100
50) Dimethylphthalate	9.627	163	640218	41.086	ng	99
51) 2,6-Dinitrotoluene	9.698	165	149045	42.174	ng	92
52) Acenaphthene	9.939	154	525698	40.910	ng	100
53) 3-Nitroaniline	9.869	138	150847	43.642	ng	97
54) 2,4-Dinitrophenol	9.986	184	83716	49.090	ng	95
55) Dibenzofuran	10.110	168	785764	40.089	ng	100
56) 4-Nitrophenol	10.051	139	123057	52.203	ng	93
57) 2,4-Dinitrotoluene	10.104	165	196879	41.918	ng	96
58) Fluorene	10.457	166	646619	41.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	158644	43.762	ng	91
60) Diethylphthalate	10.322	149	649999	41.056	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	320255	41.479	ng	96
62) 4-Nitroaniline	10.492	138	156861	43.270	ng	92
63) Azobenzene	10.604	77	602888	40.212	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109495	49.188	ng	92
66) n-Nitrosodiphenylamine	10.569	169	546366	42.412	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	191275	42.636	ng	97
68) Hexachlorobenzene	11.004	284	221195	42.582	ng	98
69) Atrazine	11.092	200	120863	33.350	ng	98
70) Pentachlorophenol	11.210	266	83249	36.413	ng	98
71) Phenanthrene	11.421	178	879846	42.018	ng	99
72) Anthracene	11.474	178	862183	42.092	ng	100
73) Carbazole	11.633	167	830443	42.144	ng	100
74) Di-n-butylphthalate	11.951	149	974455	42.835	ng	99
75) Fluoranthene	12.616	202	960297	42.238	ng	100
77) Benzidine	12.739	184	378294	51.600	ng	99
78) Pyrene	12.845	202	972662	41.719	ng	99
80) Butylbenzylphthalate	13.451	149	340318	40.519	ng	99
81) Benzo(a)anthracene	14.039	228	692372	41.480	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	221470	44.193	ng	99
83) Chrysene	14.074	228	636850	41.726	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	406345	38.315	ng	98
85) Di-n-octyl phthalate	14.639	149	611309	42.178	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	649588	42.860	ng	98
88) Benzo(b)fluoranthene	15.109	252	628913	43.053	ng	98
89) Benzo(k)fluoranthene	15.139	252	515177	40.302	ng	99
90) Benzo(a)pyrene	15.486	252	506727	42.664	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	537247	43.284	ng	99
92) Benzo(g,h,i)perylene	17.527	276	548332	43.292	ng	98

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

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