Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141110.D
Acq On : 10 Jan 2025 12:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 10 22:17:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	153416	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	614947	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	332087	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	581741	20.000	ng		0.00
76) Chrysene-d12	13.986	240	370828	20.000	ng		0.00
86) Perylene-d12	15.463	264	306986	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	111466	11.224	ng		0.00
7) Phenol-d6	6.434	99	140674	11.182	ng		-0.01
23) Nitrobenzene-d5	7.375	82	123133	10.614	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	38615	10.205	ng		-0.01
45) 2-Fluorobiphenyl	9.175	172	262701	12.080	ng		0.00
79) Terphenyl-d14	12.927	244	267821	10.734	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	23641	5.346	ng		98
3) Pyridine	3.281	79	60557	5.584	ng		99
4) n-Nitrosodimethylamine	3.205	42	27465	5.179	ng	#	99
6) Aniline	6.475	93	63517	5.687	ng		100
8) 2-Chlorophenol	6.598	128	59870	5.619	ng		98
9) Benzaldehyde	6.369	77	46588	6.629	ng		97
10) Phenol	6.446	94	74522	5.534	ng		98
11) bis(2-Chloroethyl)ether	6.551	93	55432	5.523	ng		97
12) 1,3-Dichlorobenzene	6.757	146	65753	5.533	ng		99
13) 1,4-Dichlorobenzene	6.840	146	67741	5.657	ng		98
14) 1,2-Dichlorobenzene	6.987	146	64051	5.734	ng		98
15) Benzyl Alcohol	6.951	79	49532	5.452	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	78464	5.603	ng		99
17) 2-Methylphenol	7.063	107	46377	5.391	ng		98
18) Hexachloroethane	7.334	117	23414	5.407	ng		96
19) n-Nitroso-di-n-propyla...	7.222	70	40948	5.526	ng		99
20) 3+4-Methylphenols	7.216	107	62539	5.763	ng	#	84
22) Acetophenone	7.222	105	82845	5.667	ng		99
24) Nitrobenzene	7.393	77	64399	5.326	ng		97
25) Isophorone	7.634	82	106336	5.364	ng		100
26) 2-Nitrophenol	7.716	139	24814	4.512	ng		95
27) 2,4-Dimethylphenol	7.745	122	38719	5.219	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	66840	5.372	ng		97
29) 2,4-Dichlorophenol	7.951	162	45561	5.171	ng		99
30) 1,2,4-Trichlorobenzene	8.040	180	54712	5.433	ng		99
31) Naphthalene	8.122	128	181124	5.585	ng		99
32) Benzoic acid	7.792	122	27905	3.921	ng		98
33) 4-Chloroaniline	8.169	127	61099	5.448	ng		99
34) Hexachlorobutadiene	8.240	225	32815	5.408	ng		99
35) Caprolactam	8.492	113	14819	5.127	ng		95
36) 4-Chloro-3-methylphenol	8.639	107	50853	5.278	ng		98
37) 2-Methylnaphthalene	8.810	142	115532	5.591	ng		98
38) 1-Methylnaphthalene	8.910	142	114809	5.637	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	52480	5.506	ng		100
41) Hexachlorocyclopentadiene	8.969	237	14138	4.534	ng		99
43) 2,4,6-Trichlorophenol	9.087	196	33100	5.149	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	35605	5.244	ng	99
46) 1,1'-Biphenyl	9.275	154	146178	5.668	ng	99
47) 2-Chloronaphthalene	9.298	162	111654	5.559	ng	99
48) 2-Nitroaniline	9.392	65	29900	5.021	ng	93
49) Acenaphthylene	9.716	152	159028	5.541	ng	98
50) Dimethylphthalate	9.569	163	120152	5.389	ng	100
51) 2,6-Dinitrotoluene	9.634	165	25553	4.929	ng	93
52) Acenaphthene	9.886	154	109318	5.452	ng	98
53) 3-Nitroaniline	9.798	138	26650	5.058	ng	96
55) Dibenzofuran	10.057	168	154910	5.680	ng	98
56) 4-Nitrophenol	9.951	139	18587	4.505	ng	98
57) 2,4-Dinitrotoluene	10.034	165	30860	4.619	ng	94
58) Fluorene	10.404	166	123503	5.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	29338	5.199	ng	98
60) Diethylphthalate	10.275	149	117549	5.401	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	58845	5.698	ng	99
62) 4-Nitroaniline	10.404	138	26092	5.060	ng	98
63) Azobenzene	10.557	77	118725	5.528	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	11249	3.337	ng	95
66) n-Nitrosodiphenylamine	10.510	169	102664	5.471	ng	98
67) 4-Bromophenyl-phenylether	10.886	248	35042	5.232	ng	99
68) Hexachlorobenzene	10.951	284	39756	5.332	ng	98
69) Atrazine	11.033	200	30974	6.131	ng	96
70) Pentachlorophenol	11.139	266	20711	4.338	ng	94
71) Phenanthrene	11.363	178	177095	5.670	ng	98
72) Anthracene	11.416	178	168968	5.564	ng	98
73) Carbazole	11.569	167	153065	5.497	ng	99
74) Di-n-butylphthalate	11.904	149	172526	5.414	ng	99
75) Fluoranthene	12.551	202	176105	5.650	ng	100
77) Benzidine	12.680	184	35213	5.121	ng	98
78) Pyrene	12.780	202	180982	5.110	ng	99
80) Butylbenzylphthalate	13.410	149	54011	4.574	ng	96
81) Benzo(a)anthracene	13.974	228	136580	5.412	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	40239	5.007	ng	100
83) Chrysene	14.010	228	128102	5.425	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	68031	4.801	ng	99
85) Di-n-octyl phthalate	14.604	149	88039	4.115	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	113009	5.025	ng	99
88) Benzo(b)fluoranthene	15.033	252	112121	5.664	ng	99
89) Benzo(k)fluoranthene	15.063	252	86565	5.175	ng	98
90) Benzo(a)pyrene	15.398	252	84656	5.183	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	90084	4.952	ng	98
92) Benzo(g,h,i)perylene	17.345	276	96418	5.096	ng	100

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

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