Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012825\
Data File : BF141280.D
Acq On : 28 Jan 2025 14:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 28 23:35:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 28 23:33:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	126031	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	501217	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	272917	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	470391	20.000	ng		0.00
76) Chrysene-d12	13.963	240	273365	20.000	ng		0.00
86) Perylene-d12	15.421	264	251772	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	90106	11.058	ng		-0.01
7) Phenol-d6	6.416	99	114844	11.151	ng		-0.02
23) Nitrobenzene-d5	7.357	82	101145	10.656	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	29026	10.402	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	215197	12.226	ng		-0.01
79) Terphenyl-d14	12.904	244	204978	11.731	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	19591	5.399	ng		97
3) Pyridine	3.228	79	42294	5.045	ng		96
4) n-Nitrosodimethylamine	3.152	42	24995	4.982	ng		98
6) Aniline	6.457	93	41463	5.226	ng		99
8) 2-Chlorophenol	6.581	128	48650	5.562	ng		98
9) Benzaldehyde	6.345	77	38150	6.464	ng		97
10) Phenol	6.434	94	60690	5.561	ng		93
11) bis(2-Chloroethyl)ether	6.528	93	46597	5.487	ng		97
12) 1,3-Dichlorobenzene	6.739	146	54640	5.653	ng		98
13) 1,4-Dichlorobenzene	6.816	146	54475	5.615	ng		98
14) 1,2-Dichlorobenzene	6.969	146	52359	5.760	ng		98
15) Benzyl Alcohol	6.934	79	36936	5.104	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.075	45	80782	5.467	ng		99
17) 2-Methylphenol	7.045	107	39402	5.601	ng		94
18) Hexachloroethane	7.310	117	19024	5.337	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	33341	5.481	ng		95
20) 3+4-Methylphenols	7.198	107	50029	5.799	ng	#	85
22) Acetophenone	7.204	105	69622	5.849	ng		96
24) Nitrobenzene	7.375	77	51501	5.251	ng		99
25) Isophorone	7.610	82	88081	5.377	ng		97
26) 2-Nitrophenol	7.692	139	21641	4.765	ng		98
27) 2,4-Dimethylphenol	7.728	122	28429	5.088	ng		97
28) bis(2-Chloroethoxy)met...	7.828	93	55662	5.352	ng		99
29) 2,4-Dichlorophenol	7.934	162	37920	5.283	ng		100
30) 1,2,4-Trichlorobenzene	8.022	180	44686	5.490	ng		99
31) Naphthalene	8.098	128	149014	5.669	ng		98
32) Benzoic acid	7.787	122	19982m	3.555	ng		
33) 4-Chloroaniline	8.151	127	43325	5.238	ng		99
34) Hexachlorobutadiene	8.222	225	26519	5.503	ng		100
35) Caprolactam	8.475	113	12146	5.185	ng		99
36) 4-Chloro-3-methylphenol	8.622	107	41123	5.309	ng		99
37) 2-Methylnaphthalene	8.792	142	95537	5.691	ng		100
38) 1-Methylnaphthalene	8.886	142	92925	5.662	ng		100
40) 1,2,4,5-Tetrachloroben...	8.957	216	43829	5.645	ng		98
41) Hexachlorocyclopentadiene	8.945	237	9065	3.845	ng		96
43) 2,4,6-Trichlorophenol	9.069	196	25438	4.981	ng		96

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44) 2,4,5-Trichlorophenol	9.104	196	28625	5.215	ng	99
46) 1,1'-Biphenyl	9.251	154	122305	5.744	ng	98
47) 2-Chloronaphthalene	9.275	162	92975	5.656	ng	98
48) 2-Nitroaniline	9.369	65	25272	4.877	ng	94
49) Acenaphthylene	9.692	152	128883	5.584	ng	99
50) Dimethylphthalate	9.551	163	100740	5.539	ng	99
51) 2,6-Dinitrotoluene	9.610	165	21674	5.134	ng	96
52) Acenaphthene	9.863	154	89597	5.430	ng	98
53) 3-Nitroaniline	9.780	138	21564	5.017	ng	93
55) Dibenzofuran	10.039	168	123610	5.603	ng	99
56) 4-Nitrophenol	9.939	139	12353	4.016	ng	97
57) 2,4-Dinitrotoluene	10.016	165	25981	4.828	ng	100
58) Fluorene	10.380	166	101647	5.937	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	22833m	5.182	ng	
60) Diethylphthalate	10.251	149	98829	5.627	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	47878	5.770	ng	99
62) 4-Nitroaniline	10.386	138	19281	4.701	ng	98
63) Azobenzene	10.533	77	98424	5.547	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	9651	3.425	ng	98
66) n-Nitrosodiphenylamine	10.492	169	82303	5.435	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	27680	5.271	ng	96
68) Hexachlorobenzene	10.927	284	32268	5.492	ng	97
69) Atrazine	11.016	200	25728	8.244	ng	99
70) Pentachlorophenol	11.122	266	13711	4.054	ng	96
71) Phenanthrene	11.345	178	144270	5.692	ng	99
72) Anthracene	11.392	178	138711	5.614	ng	99
73) Carbazole	11.551	167	123163	5.576	ng	99
74) Di-n-butylphthalate	11.886	149	145932	5.598	ng	99
75) Fluoranthene	12.533	202	143457	5.774	ng	99
77) Benzidine	12.663	184	10165	3.107	ng	97
78) Pyrene	12.763	202	147006	5.631	ng	98
80) Butylbenzylphthalate	13.386	149	44933	5.033	ng	98
81) Benzo(a)anthracene	13.951	228	100086	5.357	ng	98
82) 3,3'-Dichlorobenzidine	13.916	252	27966	4.851	ng	98
83) Chrysene	13.986	228	96115	5.480	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	58948	5.326	ng	99
85) Di-n-octyl phthalate	14.568	149	78363	4.448	ng	100
87) Indeno(1,2,3-cd)pyrene	16.857	276	86741	4.866	ng	99
88) Benzo(b)fluoranthene	14.998	252	80627	5.222	ng	99
89) Benzo(k)fluoranthene	15.027	252	78209	5.486	ng	99
90) Benzo(a)pyrene	15.357	252	69414	5.167	ng	98
91) Dibenzo(a,h)anthracene	16.874	278	67039	4.715	ng	99
92) Benzo(g,h,i)perylene	17.286	276	74682	4.910	ng	98

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

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