Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141291.D
Acq On : 29 Jan 2025 10:56
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 29 16:26:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.799	152	134200	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	531551	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	281034	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	497368	20.000	ng		0.00
76) Chrysene-d12	13.963	240	288657	20.000	ng		0.00
86) Perylene-d12	15.427	264	273117	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	95839	11.044	ng		0.00
7) Phenol-d6	6.416	99	123556	11.172	ng		-0.01
23) Nitrobenzene-d5	7.357	82	107680	10.719	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	27799	10.855	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	224446	12.320	ng		0.00
79) Terphenyl-d14	12.910	244	222747	11.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	20141	5.229	ng		99
3) Pyridine	3.234	79	45762	4.967	ng		97
4) n-Nitrosodimethylamine	3.158	42	25819	4.894	ng	#	96
6) Aniline	6.457	93	49669	5.373	ng		99
8) 2-Chlorophenol	6.581	128	51505	5.527	ng		96
9) Benzaldehyde	6.346	77	39117	6.090	ng		97
10) Phenol	6.434	94	65035	5.558	ng		93
11) bis(2-Chloroethyl)ether	6.528	93	49579	5.510	ng		98
12) 1,3-Dichlorobenzene	6.740	146	56929	5.539	ng		99
13) 1,4-Dichlorobenzene	6.816	146	57684	5.573	ng		99
14) 1,2-Dichlorobenzene	6.969	146	54653	5.650	ng		98
15) Benzyl Alcohol	6.934	79	38176	5.053	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	84988	5.436	ng		100
17) 2-Methylphenol	7.046	107	41498	5.500	ng		99
18) Hexachloroethane	7.310	117	20418	5.332	ng		95
19) n-Nitroso-di-n-propyla...	7.198	70	35278	5.363	ng		100
20) 3+4-Methylphenols	7.198	107	52364	5.645	ng	#	90
22) Acetophenone	7.204	105	72756	5.774	ng		98
24) Nitrobenzene	7.375	77	55610	5.337	ng		99
25) Isophorone	7.610	82	92818	5.346	ng		98
26) 2-Nitrophenol	7.693	139	23372	4.789	ng		97
27) 2,4-Dimethylphenol	7.728	122	32462	5.205	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	60286	5.449	ng		98
29) 2,4-Dichlorophenol	7.934	162	40847	5.360	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	49479	5.661	ng		96
31) Naphthalene	8.098	128	158560	5.672	ng		99
32) Benzoic acid	7.793	122	18585	3.281	ng		93
33) 4-Chloroaniline	8.151	127	50760	5.405	ng		97
34) Hexachlorobutadiene	8.222	225	27720	5.419	ng		99
35) Caprolactam	8.475	113	12827	5.204	ng		94
36) 4-Chloro-3-methylphenol	8.622	107	43627	5.334	ng		97
37) 2-Methylnaphthalene	8.793	142	100305	5.634	ng		98
38) 1-Methylnaphthalene	8.893	142	100569	5.767	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	43228	5.410	ng		97
41) Hexachlorocyclopentadiene	8.945	237	9555	3.985	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	26790	5.136	ng		97

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44) 2,4,5-Trichlorophenol	9.104	196	30127	5.309	ng	98
46) 1,1'-Biphenyl	9.257	154	127187	5.801	ng	99
47) 2-Chloronaphthalene	9.281	162	98081	5.760	ng	97
48) 2-Nitroaniline	9.375	65	27154	5.056	ng	99
49) Acenaphthylene	9.692	152	134958	5.643	ng	99
50) Dimethylphthalate	9.551	163	105240	5.584	ng	99
51) 2,6-Dinitrotoluene	9.616	165	23372	5.329	ng	95
52) Acenaphthene	9.869	154	95591	5.617	ng	100
53) 3-Nitroaniline	9.781	138	22582	5.206	ng	91
55) Dibenzofuran	10.039	168	131288	5.769	ng	98
56) 4-Nitrophenol	9.945	139	13160	4.226	ng	89
57) 2,4-Dinitrotoluene	10.016	165	29799	5.268	ng	98
58) Fluorene	10.381	166	106198	6.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	22818	5.090	ng	96
60) Diethylphthalate	10.251	149	103307	5.660	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	51875	6.007	ng	98
62) 4-Nitroaniline	10.387	138	20870	5.008	ng	95
63) Azobenzene	10.534	77	102878	5.623	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	9960	3.353	ng	92
66) n-Nitrosodiphenylamine	10.492	169	89060	5.523	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	29160	5.245	ng	94
68) Hexachlorobenzene	10.928	284	31990	5.424	ng	98
69) Atrazine	11.016	200	26258	4.855	ng	97
70) Pentachlorophenol	11.128	266	13924	4.027	ng	96
71) Phenanthrene	11.345	178	153320	5.738	ng	99
72) Anthracene	11.398	178	146593	5.625	ng	99
73) Carbazole	11.551	167	126760	5.491	ng	99
74) Di-n-butylphthalate	11.886	149	154718	5.560	ng	100
75) Fluoranthene	12.533	202	148553	5.696	ng	99
77) Benzidine	12.663	184	63661	7.253	ng	98
78) Pyrene	12.763	202	157175	5.639	ng	99
80) Butylbenzylphthalate	13.386	149	49477	5.140	ng	99
81) Benzo(a)anthracene	13.951	228	110559	5.588	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	29754	4.803	ng	100
83) Chrysene	13.992	228	96099	5.238	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	63638	5.269	ng	98
85) Di-n-octyl phthalate	14.574	149	86163	4.560	ng	98
87) Indeno(1,2,3-cd)pyrene	16.863	276	83074	4.657	ng	99
88) Benzo(b)fluoranthene	14.998	252	92690	5.465	ng	99
89) Benzo(k)fluoranthene	15.027	252	79701	5.247	ng	99
90) Benzo(a)pyrene	15.363	252	76368	5.268	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	65991	4.615	ng	99
92) Benzo(g,h,i)perylene	17.298	276	69049	4.591	ng	97

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

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