Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012825\
Data File : BF141287.D
Acq On : 28 Jan 2025 18:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012825

Quant Time: Jan 28 23:55:27 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 23:51:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	146733	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	573257	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	305102	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	489446	20.000	ng	0.00
76) Chrysene-d12	13.969	240	282846	20.000	ng	0.00
86) Perylene-d12	15.421	264	310631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	717679	75.649	ng	0.00
7) Phenol-d6	6.428	99	897836	74.877	ng	-0.01
23) Nitrobenzene-d5	7.363	82	826302	76.111	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	239643	76.824	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1424715	72.405	ng	0.00
79) Terphenyl-d14	12.910	244	1325167	73.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	156269	36.989	ng	98
3) Pyridine	3.216	79	388104	39.765	ng	99
4) n-Nitrosodimethylamine	3.169	42	223703	38.295	ng	100
6) Aniline	6.463	93	381112	41.260	ng	99
8) 2-Chlorophenol	6.587	128	383994	37.706	ng	99
9) Benzaldehyde	6.351	77	270279	37.517	ng	99
10) Phenol	6.446	94	487226	38.343	ng	99
11) bis(2-Chloroethyl)ether	6.540	93	367953	37.212	ng	99
12) 1,3-Dichlorobenzene	6.740	146	423410	37.623	ng	99
13) 1,4-Dichlorobenzene	6.816	146	425994	37.714	ng	99
14) 1,2-Dichlorobenzene	6.969	146	399221	37.723	ng	100
15) Benzyl Alcohol	6.940	79	326325	38.731	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	649351	37.746	ng	100
17) 2-Methylphenol	7.051	107	307168	37.504	ng	99
18) Hexachloroethane	7.310	117	158077	38.090	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	265242	37.453	ng	99
20) 3+4-Methylphenols	7.204	107	379023	37.738	ng	100
22) Acetophenone	7.210	105	499735	36.706	ng	100
24) Nitrobenzene	7.381	77	426651	38.019	ng	99
25) Isophorone	7.622	82	711983	38.004	ng	99
26) 2-Nitrophenol	7.698	139	207753	39.993	ng	99
27) 2,4-Dimethylphenol	7.734	122	246626	38.595	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	453194	38.098	ng	99
29) 2,4-Dichlorophenol	7.940	162	313446	38.183	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	352483	37.865	ng	99
31) Naphthalene	8.104	128	1121201	37.297	ng	100
32) Benzoic acid	7.845	122	265831	41.835	ng	98
33) 4-Chloroaniline	8.151	127	370056	39.117	ng	100
34) Hexachlorobutadiene	8.222	225	207067	37.569	ng	100
35) Caprolactam	8.522	113	102702	38.332	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	335192	37.832	ng	99
37) 2-Methylnaphthalene	8.792	142	718789	37.437	ng	100
38) 1-Methylnaphthalene	8.892	142	703607	37.485	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	326983	37.673	ng	99
41) Hexachlorocyclopentadiene	8.945	237	108297	41.085	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	223741	39.188	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	231120	37.664	ng	100
46) 1,1'-Biphenyl	9.257	154	872645	36.661	ng	100
47) 2-Chloronaphthalene	9.281	162	678030	36.899	ng	99
48) 2-Nitroaniline	9.381	65	224589	38.773	ng	99
49) Acenaphthylene	9.698	152	965397	37.418	ng	100
50) Dimethylphthalate	9.563	163	767286	37.739	ng	99
51) 2,6-Dinitrotoluene	9.622	165	183006	38.780	ng	98
52) Acenaphthene	9.869	154	696855	37.778	ng	100
53) 3-Nitroaniline	9.792	138	184823	38.461	ng	99
54) 2,4-Dinitrophenol	9.898	184	94585	41.302	ng	87
55) Dibenzofuran	10.045	168	921259	37.356	ng	100
56) 4-Nitrophenol	9.945	139	140851	40.956	ng	97
57) 2,4-Dinitrotoluene	10.022	165	235921	39.214	ng	98
58) Fluorene	10.386	166	701576	36.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	186892	38.027	ng	99
60) Diethylphthalate	10.263	149	733045	37.337	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	338922	36.534	ng	99
62) 4-Nitroaniline	10.404	138	177770	38.774	ng	100
63) Azobenzene	10.539	77	739115	37.262	ng	100
65) 4,6-Dinitro-2-methylph...	10.434	198	128375	43.779	ng	98
66) n-Nitrosodiphenylamine	10.498	169	619013	39.287	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	217956	39.891	ng	100
68) Hexachlorobenzene	10.933	284	239636	39.196	ng	99
69) Atrazine	11.022	200	126574	38.979	ng	98
70) Pentachlorophenol	11.128	266	147263	41.845	ng	99
71) Phenanthrene	11.351	178	1016541	38.546	ng	100
72) Anthracene	11.398	178	994378	38.680	ng	100
73) Carbazole	11.557	167	890631	38.755	ng	100
74) Di-n-butylphthalate	11.886	149	1066501	39.319	ng	100
75) Fluoranthene	12.533	202	986786	38.169	ng	98
77) Benzidine	12.657	184	187115	55.268	ng	99
78) Pyrene	12.763	202	996061	36.873	ng	100
80) Butylbenzylphthalate	13.392	149	346299	37.487	ng	98
81) Benzo(a)anthracene	13.957	228	694131	35.908	ng	100
82) 3,3'-Dichlorobenzidine	13.922	252	220386	36.949	ng	99
83) Chrysene	13.992	228	666756	36.741	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	430629	37.606	ng	99
85) Di-n-octyl phthalate	14.569	149	698872	38.340	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	833893	37.914	ng	100
88) Benzo(b)fluoranthene	14.998	252	765149	40.168	ng	100
89) Benzo(k)fluoranthene	15.027	252	592742	33.702	ng	99
90) Benzo(a)pyrene	15.357	252	616754	37.208	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	664865	37.903	ng	99
92) Benzo(g,h,i)perylene	17.304	276	700081	37.307	ng	99

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

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