Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 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 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	158167	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	612449	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	314997	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	516568	20.000	ng		0.00
76) Chrysene-d12	13.986	240	274205	20.000	ng		0.00
86) Perylene-d12	15.451	264	318189	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	820256	80.114	ng		0.00
7) Phenol-d6	6.445	99	1009028	77.801	ng		0.00
23) Nitrobenzene-d5	7.387	82	900254	77.918	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	285534	79.554	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1614765	78.281	ng		0.00
79) Terphenyl-d14	12.933	244	1456542	78.951	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	186646	40.936	ng		99
3) Pyridine	3.281	79	450909	40.329	ng		99
4) n-Nitrosodimethylamine	3.228	42	226129	41.363	ng		98
6) Aniline	6.481	93	453676	39.400	ng		98
8) 2-Chlorophenol	6.604	128	431526	39.284	ng		99
9) Benzaldehyde	6.369	77	290165	37.987	ng		99
10) Phenol	6.457	94	541991	39.039	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	399965	38.657	ng		99
12) 1,3-Dichlorobenzene	6.763	146	476822	38.919	ng		99
13) 1,4-Dichlorobenzene	6.840	146	481058	38.965	ng		100
14) 1,2-Dichlorobenzene	6.992	146	444004	38.555	ng		99
15) Benzyl Alcohol	6.957	79	364926	38.962	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	549884	38.086	ng		99
17) 2-Methylphenol	7.069	107	341712	38.531	ng		100
18) Hexachloroethane	7.334	117	176028	39.427	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	289047	37.834	ng		100
20) 3+4-Methylphenols	7.222	107	437446	39.098	ng		96
22) Acetophenone	7.228	105	563455	38.700	ng	#	95
24) Nitrobenzene	7.404	77	471786	39.180	ng		99
25) Isophorone	7.639	82	762772	38.631	ng		99
26) 2-Nitrophenol	7.716	139	225470	41.163	ng		97
27) 2,4-Dimethylphenol	7.751	122	291335	39.432	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	473792	38.235	ng		100
29) 2,4-Dichlorophenol	7.957	162	347943	39.652	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	391725	39.055	ng		100
31) Naphthalene	8.128	128	1234761	38.230	ng		100
32) Benzoic acid	7.857	122	293529	41.415	ng		99
33) 4-Chloroaniline	8.169	127	427268	38.252	ng		98
34) Hexachlorobutadiene	8.245	225	238001	39.380	ng		98
35) Caprolactam	8.539	113	110830	38.578	ng		95
36) 4-Chloro-3-methylphenol	8.651	107	371891	38.752	ng		100
37) 2-Methylnaphthalene	8.816	142	797256	38.737	ng		99
38) 1-Methylnaphthalene	8.916	142	767986	37.862	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	359153	39.725	ng		99
41) Hexachlorocyclopentadiene	8.969	237	117559	39.744	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	246797	40.474	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	258003	40.064	ng		99
46) 1,1'-Biphenyl	9.281	154	970736	39.682	ng		99
47) 2-Chloronaphthalene	9.304	162	752248	39.481	ng		100
48) 2-Nitroaniline	9.398	65	227785	40.330	ng		99
49) Acenaphthylene	9.722	152	1071325	39.356	ng		99
50) Dimethylphthalate	9.581	163	835630	39.515	ng		100
51) 2,6-Dinitrotoluene	9.639	165	199428	40.554	ng		93
52) Acenaphthene	9.892	154	753339	39.611	ng		100
53) 3-Nitroaniline	9.810	138	201692	40.360	ng		98
54) 2,4-Dinitrophenol	9.910	184	98794	42.266	ng	#	56
55) Dibenzofuran	10.063	168	1007778	38.957	ng		99
56) 4-Nitrophenol	9.957	139	152518	38.970	ng		94
57) 2,4-Dinitrotoluene	10.045	165	258400	40.773	ng		99
58) Fluorene	10.410	166	779173	38.770	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	211938	39.593	ng		99
60) Diethylphthalate	10.280	149	803338	38.912	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	377526	38.542	ng		95
62) 4-Nitroaniline	10.422	138	192093	39.273	ng		98
63) Azobenzene	10.563	77	791308	38.845	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	133479	44.592	ng		98
66) n-Nitrosodiphenylamine	10.516	169	680537	40.845	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	244318	41.081	ng		99
68) Hexachlorobenzene	10.951	284	270074	40.794	ng		97
69) Atrazine	11.045	200	139816	31.165	ng		99
70) Pentachlorophenol	11.145	266	176156	41.549	ng		100
71) Phenanthrene	11.369	178	1095830	39.514	ng		99
72) Anthracene	11.422	178	1072960	39.789	ng		100
73) Carbazole	11.575	167	957273	38.715	ng		100
74) Di-n-butylphthalate	11.910	149	1120353	39.593	ng		100
75) Fluoranthene	12.557	202	1036155	37.440	ng		99
77) Benzidine	12.680	184	245773	48.333	ng		99
78) Pyrene	12.786	202	1035445	39.536	ng		100
80) Butylbenzylphthalate	13.410	149	341737	39.136	ng		97
81) Benzo(a)anthracene	13.974	228	699094	37.462	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	235420	39.619	ng		99
83) Chrysene	14.010	228	664611	38.062	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	409965	39.130	ng		99
85) Di-n-octyl phthalate	14.592	149	649810	41.072	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	921423	39.527	ng		98
88) Benzo(b)fluoranthene	15.027	252	758252	36.956	ng		99
89) Benzo(k)fluoranthene	15.057	252	664225	38.307	ng		99
90) Benzo(a)pyrene	15.386	252	659605	38.965	ng		100
91) Dibenzo(a,h)anthracene	16.921	278	752974	39.936	ng		99
92) Benzo(g,h,i)perylene	17.345	276	754682	38.482	ng		99

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

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