Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141187.D
Acq On : 16 Jan 2025 16:05
Operator : RC/JU
Sample : Q1094-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Quant Time: Jan 16 16:30:23 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	6.816	152	154120	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	588238	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	289276	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	421160	20.000	ng		0.00
76) Chrysene-d12	13.986	240	311784	20.000	ng		0.00
86) Perylene-d12	15.457	264	285840	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1137536	114.019	ng		0.01
7) Phenol-d6	6.451	99	1421436	112.477	ng		0.00
23) Nitrobenzene-d5	7.381	82	921577	83.047	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	369666	112.152	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1627188	85.897	ng		0.00
79) Terphenyl-d14	12.933	244	1443854	68.830	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	187574	42.220	ng		98
3) Pyridine	3.375	79	464236	42.611	ng		97
4) n-Nitrosodimethylamine	3.322	42	253466	47.581	ng		98
6) Aniline	6.516	93	34954m	3.115	ng		
8) 2-Chlorophenol	6.604	128	530683	49.579	ng		97
9) Benzaldehyde	6.363	77	66457	8.929	ng		95
10) Phenol	6.463	94	629670	46.546	ng		97
11) bis(2-Chloroethyl)ether	6.551	93	644089m	63.887	ng		
12) 1,3-Dichlorobenzene	6.757	146	556350	46.603	ng		99
13) 1,4-Dichlorobenzene	6.834	146	562280	46.740	ng		99
14) 1,2-Dichlorobenzene	6.987	146	536182	47.781	ng		98
15) Benzyl Alcohol	6.957	79	465677	51.025	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	669615	47.597	ng		89
17) 2-Methylphenol	7.075	107	414961	48.019	ng		96
18) Hexachloroethane	7.328	117	205430	47.221	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	362414	48.683	ng		98
20) 3+4-Methylphenols	7.228	107	513895	47.137	ng	#	79
22) Acetophenone	7.228	105	698304	49.936	ng		96
24) Nitrobenzene	7.398	77	546515	47.254	ng		99
25) Isophorone	7.639	82	964571	50.862	ng		99
26) 2-Nitrophenol	7.716	139	275953	52.453	ng		98
27) 2,4-Dimethylphenol	7.757	122	419108	59.060	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	590590	49.622	ng		100
29) 2,4-Dichlorophenol	7.957	162	423355	50.232	ng		99
30) 1,2,4-Trichlorobenzene	8.039	180	454884	47.219	ng		99
31) Naphthalene	8.122	128	1583761	51.054	ng		100
32) Benzoic acid	7.869	122	249327	36.627	ng		99
33) 4-Chloroaniline	8.198	127	207137	19.308	ng		100
34) Hexachlorobutadiene	8.239	225	285950	49.261	ng		99
35) Caprolactam	8.539	113	117367	42.535	ng		98
36) 4-Chloro-3-methylphenol	8.657	107	439864	47.722	ng		99
37) 2-Methylnaphthalene	8.816	142	976871	49.417	ng		100
38) 1-Methylnaphthalene	8.910	142	893995	45.889	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	441441	53.168	ng		99
41) Hexachlorocyclopentadiene	8.963	237	335245	123.416	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	292382	52.214	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	290840	49.178	ng		99
46) 1,1'-Biphenyl	9.281	154	1169201	52.045	ng		99
47) 2-Chloronaphthalene	9.304	162	864014	49.379	ng		99
48) 2-Nitroaniline	9.398	65	263750	50.850	ng		98
49) Acenaphthylene	9.716	152	1317523	52.703	ng		100
50) Dimethylphthalate	9.581	163	1027318	52.899	ng		100
51) 2,6-Dinitrotoluene	9.639	165	222015	49.161	ng		97
52) Acenaphthene	9.892	154	905218	51.829	ng		99
53) 3-Nitroaniline	9.810	138	156793	34.165	ng		98
54) 2,4-Dinitrophenol	9.910	184	103072	48.017	ng	#	75
55) Dibenzofuran	10.063	168	1195912	50.341	ng		99
56) 4-Nitrophenol	9.969	139	332250	92.441	ng		96
57) 2,4-Dinitrotoluene	10.045	165	277650	47.706	ng		97
58) Fluorene	10.404	166	898811	48.699	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	233069	47.412	ng		99
60) Diethylphthalate	10.280	149	972171	51.277	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	440428	48.961	ng		98
62) 4-Nitroaniline	10.422	138	172259	38.350	ng		99
63) Azobenzene	10.557	77	979659	52.367	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	79474	32.565	ng		95
66) n-Nitrosodiphenylamine	10.516	169	765827	56.376	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	272584	56.217	ng		99
68) Hexachlorobenzene	10.951	284	288264	53.406	ng		99
69) Atrazine	11.045	200	234458	64.100	ng		99
70) Pentachlorophenol	11.145	266	320923	92.842	ng		99
71) Phenanthrene	11.369	178	1417616	62.697	ng		99
72) Anthracene	11.422	178	1244754	56.617	ng		100
73) Carbazole	11.574	167	1020663	50.630	ng		100
74) Di-n-butylphthalate	11.910	149	1494196	64.766	ng		100
75) Fluoranthene	12.557	202	1500414	66.498	ng		98
77) Benzidine	12.680	184	213735	36.967	ng	#	95
78) Pyrene	12.786	202	1461735	49.085	ng		99
80) Butylbenzylphthalate	13.410	149	503248	50.687	ng		99
81) Benzo(a)anthracene	13.980	228	1199002	56.507	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	252144	37.319	ng		99
83) Chrysene	14.015	228	1089500	54.875	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	709749	59.578	ng		100
85) Di-n-octyl phthalate	14.598	149	1200410	66.729	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	923144	44.082	ng		98
88) Benzo(b)fluoranthene	15.033	252	1210556	65.677	ng		100
89) Benzo(k)fluoranthene	15.062	252	888314	57.029	ng		99
90) Benzo(a)pyrene	15.398	252	941879	61.936	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	728333	43.001	ng		98
92) Benzo(g,h,i)perylene	17.356	276	688674	39.090	ng		98

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

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