Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141199.D
Acq On : 17 Jan 2025 18:07
Operator : RC/JU
Sample : Q1115-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
366MSD

Quant Time: Jan 17 23:10:53 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	6.810	152	194434	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	769284	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	402350	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	637405	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	374444	20.000	ng		-0.01
86) Perylene-d12	15.427	264	360435	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1521040	120.848	ng		0.02
7) Phenol-d6	6.445	99	1817676	114.009	ng		0.00
23) Nitrobenzene-d5	7.375	82	1289404	88.848	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	644930	140.676	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	2329550	88.414	ng		-0.01
79) Terphenyl-d14	12.916	244	1960947	77.837	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	199483	35.591	ng	#	84
3) Pyridine	3.446	79	322315	23.450	ng		96
4) n-Nitrosodimethylamine	3.375	42	275043	40.926	ng		99
6) Aniline	6.475	93	82650	5.839	ng	#	1
8) 2-Chlorophenol	6.598	128	616175	45.630	ng		97
9) Benzaldehyde	6.363	77	54523	5.806	ng		97
10) Phenol	6.463	94	654430	38.346	ng		100
11) bis(2-Chloroethyl)ether	6.551	93	548872	43.154	ng		98
12) 1,3-Dichlorobenzene	6.751	146	583170	38.721	ng		99
13) 1,4-Dichlorobenzene	6.828	146	594967	39.202	ng		100
14) 1,2-Dichlorobenzene	6.981	146	571169	40.346	ng		99
15) Benzyl Alcohol	6.951	79	406689	35.322	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	759230	42.777	ng		94
17) 2-Methylphenol	7.069	107	484317	44.425	ng		98
18) Hexachloroethane	7.322	117	218558	39.822	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	419937	44.714	ng		99
20) 3+4-Methylphenols	7.222	107	589676	42.873	ng	#	80
22) Acetophenone	7.222	105	798688	43.673	ng	#	94
24) Nitrobenzene	7.398	77	623200	41.203	ng		98
25) Isophorone	7.634	82	1142072	46.049	ng		99
26) 2-Nitrophenol	7.710	139	322878	46.929	ng		99
27) 2,4-Dimethylphenol	7.745	122	493702	53.199	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	656173	42.158	ng		99
29) 2,4-Dichlorophenol	7.951	162	504036	45.730	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	511668	40.613	ng		100
31) Naphthalene	8.116	128	1703033	41.979	ng		100
32) Benzoic acid	7.869	122	361070	40.559	ng		98
33) 4-Chloroaniline	8.163	127	29599	2.110	ng		97
34) Hexachlorobutadiene	8.234	225	313153	41.251	ng		100
35) Caprolactam	8.534	113	129142m	35.788	ng		
36) 4-Chloro-3-methylphenol	8.645	107	545737	45.274	ng		99
37) 2-Methylnaphthalene	8.804	142	1135374	43.918	ng		100
38) 1-Methylnaphthalene	8.904	142	1066475	41.859	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	526498	45.591	ng		99
41) Hexachlorocyclopentadiene	8.957	237	554861	146.859	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	371048	47.640	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	371093	45.114	ng		99
46) 1,1'-Biphenyl	9.269	154	1410666	45.146	ng		99
47) 2-Chloronaphthalene	9.292	162	1054841	43.343	ng		100
48) 2-Nitroaniline	9.386	65	296128	41.047	ng		98
49) Acenaphthylene	9.710	152	1636662	47.070	ng		99
50) Dimethylphthalate	9.575	163	1297028	48.018	ng		100
51) 2,6-Dinitrotoluene	9.633	165	281166	44.762	ng		97
52) Acenaphthene	9.881	154	1216031	50.058	ng		100
53) 3-Nitroaniline	9.798	138	16668	2.611	ng		96
54) 2,4-Dinitrophenol	9.904	184	280474	93.940	ng		95
55) Dibenzofuran	10.051	168	1492399	45.166	ng		99
56) 4-Nitrophenol	9.963	139	361367	72.286	ng		97
57) 2,4-Dinitrotoluene	10.033	165	381845	47.170	ng		98
58) Fluorene	10.398	166	1140913	44.444	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	325873	47.661	ng		99
60) Diethylphthalate	10.275	149	1229548	46.627	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	563579	45.045	ng		97
62) 4-Nitroaniline	10.410	138	141109	22.586	ng		99
63) Azobenzene	10.545	77	1082585	41.606	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	197558	53.487	ng		98
66) n-Nitrosodiphenylamine	10.504	169	481077	23.400	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	370677	50.512	ng		98
68) Hexachlorobenzene	10.939	284	400277	48.999	ng		98
69) Atrazine	11.028	200	91699	16.565	ng		99
70) Pentachlorophenol	11.133	266	475784	90.946	ng		100
71) Phenanthrene	11.357	178	1629728	47.625	ng		100
72) Anthracene	11.410	178	1642545	49.364	ng		99
73) Carbazole	11.557	167	778266	25.508	ng		100
74) Di-n-butylphthalate	11.898	149	1782513	51.051	ng		100
75) Fluoranthene	12.545	202	1395939	40.878	ng		99
77) Benzidine	12.674	184	3512	0.506	ng	#	69
78) Pyrene	12.774	202	1371686	38.354	ng		99
80) Butylbenzylphthalate	13.392	149	554003	46.461	ng		99
81) Benzo(a)anthracene	13.963	228	1124931	44.144	ng		100
82) 3,3'-Dichlorobenzidine	13.921	252	6359	0.784	ng	#	97
83) Chrysene	13.998	228	1032886	43.318	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	723803	50.590	ng		100
85) Di-n-octyl phthalate	14.574	149	1194752	55.300	ng		99
87) Indeno(1,2,3-cd)pyrene	16.868	276	920150	34.846	ng		99
88) Benzo(b)fluoranthene	15.004	252	1212795	52.181	ng		100
89) Benzo(k)fluoranthene	15.039	252	1077653	54.866	ng		99
90) Benzo(a)pyrene	15.368	252	1033581	53.900	ng		99
91) Dibenzo(a,h)anthracene	16.886	278	773062	36.196	ng		98
92) Benzo(g,h,i)perylene	17.304	276	623532	28.068	ng		99

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

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