Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141241.D
Acq On : 22 Jan 2025 17:58
Operator : RC/JU
Sample : Q1142-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-1-012125MSD

Quant Time: Jan 23 00:08:06 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	6.804	152	151784	20.000	ng		-0.02
21) Naphthalene-d8	8.092	136	561329	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	261542	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	361999	20.000	ng		-0.01
76) Chrysene-d12	13.980	240	338274	20.000	ng		0.00
86) Perylene-d12	15.439	264	272617	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1116366	113.620	ng		0.00
7) Phenol-d6	6.440	99	1397717	112.302	ng		0.00
23) Nitrobenzene-d5	7.369	82	895509	84.566	ng		-0.02
42) 2,4,6-Tribromophenol	10.639	330	344714	115.672	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	1466974	85.651	ng		-0.01
79) Terphenyl-d14	12.922	244	1257906	55.270	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	116882	26.713	ng		99
3) Pyridine	3.281	79	303123	28.251	ng		97
4) n-Nitrosodimethylamine	3.216	42	166265	31.692	ng		95
6) Aniline	6.469	93	217847	19.715	ng	#	76
8) 2-Chlorophenol	6.593	128	373094	35.393	ng		96
9) Benzaldehyde	6.351	77	43814	5.977	ng		93
10) Phenol	6.457	94	459770	34.510	ng		95
11) bis(2-Chloroethyl)ether	6.546	93	373242	37.591	ng		95
12) 1,3-Dichlorobenzene	6.746	146	389646	33.141	ng		99
13) 1,4-Dichlorobenzene	6.822	146	391137	33.014	ng		100
14) 1,2-Dichlorobenzene	6.975	146	373141	33.764	ng		98
15) Benzyl Alcohol	6.946	79	325389	36.202	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	465427	33.592	ng		91
17) 2-Methylphenol	7.063	107	295804	34.757	ng		98
18) Hexachloroethane	7.322	117	145785	34.026	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	252694	34.467	ng		97
20) 3+4-Methylphenols	7.216	107	368645	34.334	ng	#	76
22) Acetophenone	7.216	105	513925	38.513	ng		96
24) Nitrobenzene	7.387	77	375671	34.039	ng		99
25) Isophorone	7.628	82	686964	37.960	ng		98
26) 2-Nitrophenol	7.704	139	195851	39.012	ng		97
27) 2,4-Dimethylphenol	7.745	122	296327m	43.760	ng		
28) bis(2-Chloroethoxy)met...	7.840	93	417185	36.733	ng		99
29) 2,4-Dichlorophenol	7.945	162	295294	36.717	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	317297	34.516	ng		100
31) Naphthalene	8.110	128	1332368	45.009	ng		99
32) Benzoic acid	7.851	122	204036	31.410	ng	#	88
33) 4-Chloroaniline	8.163	127	128087	12.512	ng		99
34) Hexachlorobutadiene	8.228	225	196672	35.505	ng		99
35) Caprolactam	8.516	113	104873m	39.829	ng		
36) 4-Chloro-3-methylphenol	8.645	107	304664	34.638	ng		100
37) 2-Methylnaphthalene	8.804	142	826375	43.808	ng		99
38) 1-Methylnaphthalene	8.904	142	729241	39.226	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	303005	40.364	ng		99
41) Hexachlorocyclopentadiene	8.957	237	140296	57.125	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	199712	39.447	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	196110	36.677	ng		97
46) 1,1'-Biphenyl	9.269	154	836106	41.164	ng		99
47) 2-Chloronaphthalene	9.292	162	588207	37.181	ng		100
48) 2-Nitroaniline	9.387	65	178958	38.161	ng		100
49) Acenaphthylene	9.710	152	993130	43.940	ng		99
50) Dimethylphthalate	9.569	163	689536	39.271	ng		99
51) 2,6-Dinitrotoluene	9.634	165	143348	35.107	ng		98
52) Acenaphthene	9.881	154	663525	42.019	ng		98
53) 3-Nitroaniline	9.798	138	91077	21.950	ng	#	97
54) 2,4-Dinitrophenol	9.904	184	109902	56.628	ng		95
55) Dibenzofuran	10.051	168	882606	41.092	ng		98
56) 4-Nitrophenol	9.957	139	217191	66.836	ng		95
57) 2,4-Dinitrotoluene	10.034	165	184694	35.099	ng	#	99
58) Fluorene	10.398	166	754889	45.239	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	151557	34.100	ng	#	92
60) Diethylphthalate	10.269	149	645981	37.685	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	292549	35.971	ng		95
62) 4-Nitroaniline	10.410	138	123514	30.414	ng		97
63) Azobenzene	10.551	77	718267	42.466	ng		87
65) 4,6-Dinitro-2-methylph...	10.445	198	74554	35.541	ng		86
66) n-Nitrosodiphenylamine	10.510	169	527354	45.165	ng		100
67) 4-Bromophenyl-phenylether	10.881	248	174525	41.876	ng		99
68) Hexachlorobenzene	10.945	284	180038	38.806	ng		98
69) Atrazine	11.033	200	171580	54.576	ng		99
70) Pentachlorophenol	11.139	266	219078	73.736	ng		99
71) Phenanthrene	11.363	178	1841868	94.773	ng		100
72) Anthracene	11.410	178	1058645	56.021	ng		100
73) Carbazole	11.563	167	724861	41.833	ng		99
74) Di-n-butylphthalate	11.898	149	856457	43.190	ng		100
75) Fluoranthene	12.551	202	2088632	107.696	ng		99
77) Benzidine	12.675	184	218801	34.879	ng		98
78) Pyrene	12.780	202	2046846	63.351	ng		99
80) Butylbenzylphthalate	13.398	149	365577	33.937	ng		99
81) Benzo(a)anthracene	13.969	228	1620928	70.409	ng		96
82) 3,3'-Dichlorobenzidine	13.933	252	154783	21.115	ng		98
83) Chrysene	14.010	228	1267288	58.831	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	501816	38.825	ng		99
85) Di-n-octyl phthalate	14.580	149	911055	46.678	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	769141	38.510	ng		97
88) Benzo(b)fluoranthene	15.021	252	1523930	86.689	ng		99
89) Benzo(k)fluoranthene	15.045	252	759269m	51.109	ng		
90) Benzo(a)pyrene	15.380	252	1043103	71.919	ng		99
91) Dibenzo(a,h)anthracene	16.910	278	502321	31.096	ng		98
92) Benzo(g,h,i)perylene	17.333	276	615141	36.610	ng		99

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

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