Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141240.D
Acq On : 22 Jan 2025 17:32
Operator : RC/JU
Sample : Q1142-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Quant Time: Jan 23 00:07:24 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	161673	20.000	ng		-0.02
21) Naphthalene-d8	8.092	136	603251	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	292439	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	400525	20.000	ng		-0.01
76) Chrysene-d12	13.986	240	332615	20.000	ng		0.00
86) Perylene-d12	15.457	264	294085	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1173014	112.083	ng		0.00
7) Phenol-d6	6.440	99	1461522	110.246	ng		0.00
23) Nitrobenzene-d5	7.369	82	933794	82.054	ng		-0.02
42) 2,4,6-Tribromophenol	10.639	330	376439	112.972	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	1550135	80.944	ng		-0.01
79) Terphenyl-d14	12.922	244	1228174	54.882	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	120088	25.767	ng		99
3) Pyridine	3.281	79	313077	27.394	ng		96
4) n-Nitrosodimethylamine	3.216	42	172948	30.949	ng		98
6) Aniline	6.469	93	233359	19.827	ng	#	85
8) 2-Chlorophenol	6.593	128	393639	35.058	ng		96
9) Benzaldehyde	6.351	77	45502	5.828	ng		91
10) Phenol	6.451	94	478428	33.713	ng		93
11) bis(2-Chloroethyl)ether	6.540	93	385748	36.474	ng		96
12) 1,3-Dichlorobenzene	6.745	146	410114	32.749	ng		97
13) 1,4-Dichlorobenzene	6.822	146	411957	32.644	ng		99
14) 1,2-Dichlorobenzene	6.975	146	395752	33.619	ng		98
15) Benzyl Alcohol	6.945	79	340044	35.518	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	483343	32.751	ng		92
17) 2-Methylphenol	7.063	107	310864	34.293	ng		98
18) Hexachloroethane	7.316	117	155328	34.036	ng		100
19) n-Nitroso-di-n-propyla...	7.222	70	269234	34.477	ng		96
20) 3+4-Methylphenols	7.216	107	386545	33.799	ng	#	77
22) Acetophenone	7.216	105	528957	36.885	ng		97
24) Nitrobenzene	7.387	77	396856	33.460	ng		99
25) Isophorone	7.628	82	714081	36.717	ng		97
26) 2-Nitrophenol	7.704	139	204132	37.836	ng		98
27) 2,4-Dimethylphenol	7.739	122	311653m	42.825	ng		
28) bis(2-Chloroethoxy)met...	7.839	93	434422	35.592	ng		98
29) 2,4-Dichlorophenol	7.945	162	317026	36.680	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	334332	33.841	ng		99
31) Naphthalene	8.110	128	1413033	44.417	ng		100
32) Benzoic acid	7.851	122	211897	30.353	ng	#	87
33) 4-Chloroaniline	8.163	127	131869	11.986	ng		99
34) Hexachlorobutadiene	8.228	225	209195	35.142	ng		98
35) Caprolactam	8.516	113	108471m	38.333	ng		
36) 4-Chloro-3-methylphenol	8.645	107	326768	34.569	ng		100
37) 2-Methylnaphthalene	8.804	142	874753	43.150	ng		99
38) 1-Methylnaphthalene	8.904	142	779204	39.001	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	324037	38.605	ng		98
41) Hexachlorocyclopentadiene	8.957	237	227226	82.745	ng		98
43) 2,4,6-Trichlorophenol	9.081	196	214227	37.843	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	210932	35.281	ng		97
46) 1,1'-Biphenyl	9.269	154	904546	39.829	ng		99
47) 2-Chloronaphthalene	9.292	162	628383	35.524	ng		100
48) 2-Nitroaniline	9.386	65	195758	37.333	ng		99
49) Acenaphthylene	9.710	152	1074199	42.505	ng		99
50) Dimethylphthalate	9.569	163	747617	38.080	ng		100
51) 2,6-Dinitrotoluene	9.633	165	158562	34.731	ng		99
52) Acenaphthene	9.881	154	736177	41.695	ng		98
53) 3-Nitroaniline	9.798	138	101653	21.911	ng		96
54) 2,4-Dinitrophenol	9.904	184	140087	64.554	ng		94
55) Dibenzofuran	10.051	168	972327	40.486	ng		98
56) 4-Nitrophenol	9.957	139	235180	64.726	ng		95
57) 2,4-Dinitrotoluene	10.033	165	207229	35.221	ng	#	98
58) Fluorene	10.398	166	835137	44.760	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	169148	34.037	ng	#	92
60) Diethylphthalate	10.269	149	705270	36.797	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	318647	35.040	ng		98
62) 4-Nitroaniline	10.410	138	133742	29.453	ng		97
63) Azobenzene	10.551	77	794886	42.031	ng		88
65) 4,6-Dinitro-2-methylph...	10.445	198	91327	39.349	ng		88
66) n-Nitrosodiphenylamine	10.510	169	585639	45.333	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	197542	42.839	ng		100
68) Hexachlorobenzene	10.945	284	198422	38.655	ng		99
69) Atrazine	11.033	200	188304	54.134	ng		98
70) Pentachlorophenol	11.139	266	232809	70.821	ng		99
71) Phenanthrene	11.363	178	1990945	92.590	ng		100
72) Anthracene	11.416	178	1129609	54.027	ng		100
73) Carbazole	11.563	167	759574	39.620	ng		99
74) Di-n-butylphthalate	11.898	149	920904	41.973	ng		99
75) Fluoranthene	12.551	202	2090177	97.409	ng		98
77) Benzidine	12.674	184	179533	29.107	ng		97
78) Pyrene	12.780	202	2028324	63.846	ng		98
80) Butylbenzylphthalate	13.398	149	354127	33.433	ng		99
81) Benzo(a)anthracene	13.974	228	1563203	69.057	ng		97
82) 3,3'-Dichlorobenzidine	13.933	252	141230	19.594	ng		100
83) Chrysene	14.010	228	1337238	63.135	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	480659	37.821	ng		100
85) Di-n-octyl phthalate	14.592	149	898647	46.826	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	788414	36.593	ng		97
88) Benzo(b)fluoranthene	15.033	252	1575672	83.089	ng		99
89) Benzo(k)fluoranthene	15.063	252	847896m	52.908	ng		
90) Benzo(a)pyrene	15.398	252	1134918	72.537	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	516901	29.662	ng		98
92) Benzo(g,h,i)perylene	17.351	276	628443	34.671	ng		98

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

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