Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142200.D
Acq On : 21 Apr 2025 11:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Apr 22 02:00:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 01:58:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	576027	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	2219115	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	1288428	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	2308754	20.000	ng		0.00
76) Chrysene-d12	14.027	240	1558310	20.000	ng		0.00
86) Perylene-d12	15.504	264	1289026	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	319806	10.409	ng		0.00
7) Phenol-d6	6.481	99	402018	10.448	ng		-0.01
23) Nitrobenzene-d5	7.422	82	358961	10.159	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	158726	9.010	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	957449	12.112	ng		0.00
79) Terphenyl-d14	12.969	244	1083297	11.646	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	68076	5.459	ng		99
3) Pyridine	3.416	79	119135	4.401	ng		98
4) n-Nitrosodimethylamine	3.328	42	51204	4.659	ng	#	90
6) Aniline	6.522	93	188229	5.298	ng		99
8) 2-Chlorophenol	6.646	128	180527	5.133	ng		99
9) Benzaldehyde	6.416	77	127940	6.056	ng		99
10) Phenol	6.498	94	209844	5.171	ng		94
11) bis(2-Chloroethyl)ether	6.593	93	157951	5.161	ng		96
12) 1,3-Dichlorobenzene	6.804	146	214223	5.375	ng		98
13) 1,4-Dichlorobenzene	6.881	146	228798	5.598	ng		95
14) 1,2-Dichlorobenzene	7.034	146	211789	5.570	ng		99
15) Benzyl Alcohol	7.004	79	134779	4.804	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	158001	5.326	ng		99
17) 2-Methylphenol	7.110	107	132892	5.021	ng		99
18) Hexachloroethane	7.375	117	73311	5.280	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	121049	5.563	ng		98
20) 3+4-Methylphenols	7.263	107	172011	5.225	ng	#	83
22) Acetophenone	7.269	105	259474	5.327	ng		99
24) Nitrobenzene	7.440	77	176344	5.038	ng		99
25) Isophorone	7.675	82	304315	5.131	ng		97
26) 2-Nitrophenol	7.763	139	74239	4.035	ng		99
27) 2,4-Dimethylphenol	7.793	122	111344	4.654	ng		98
28) bis(2-Chloroethoxy)met...	7.893	93	198731	5.105	ng		99
29) 2,4-Dichlorophenol	8.004	162	155675	4.784	ng		97
30) 1,2,4-Trichlorobenzene	8.087	180	200906	5.280	ng		98
31) Naphthalene	8.169	128	598543	5.710	ng		98
33) 4-Chloroaniline	8.222	127	189026	4.980	ng		98
34) Hexachlorobutadiene	8.281	225	128740	5.127	ng		98
35) Caprolactam	8.545	113	37599	4.331	ng		94
36) 4-Chloro-3-methylphenol	8.692	107	161981	4.945	ng		98
37) 2-Methylnaphthalene	8.857	142	399299	5.512	ng		98
38) 1-Methylnaphthalene	8.957	142	397511	5.667	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	221255	5.248	ng		100
41) Hexachlorocyclopentadiene	9.010	237	41135	3.182	ng		94
43) 2,4,6-Trichlorophenol	9.134	196	108394	4.404	ng		100
44) 2,4,5-Trichlorophenol	9.175	196	121505	4.606	ng		99

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46) 1,1'-Biphenyl	9.322	154	526398	5.698	ng		97
47) 2-Chloronaphthalene	9.345	162	394472	5.501	ng		98
48) 2-Nitroaniline	9.439	65	74673	4.442	ng		94
49) Acenaphthylene	9.757	152	576525	5.688	ng		98
50) Dimethylphthalate	9.616	163	435410	5.271	ng		99
51) 2,6-Dinitrotoluene	9.675	165	88114	4.751	ng		90
52) Acenaphthene	9.934	154	396120	5.423	ng		98
53) 3-Nitroaniline	9.851	138	81852	4.606	ng		92
55) Dibenzofuran	10.104	168	590678	5.768	ng		96
57) 2,4-Dinitrotoluene	10.086	165	109358	4.565	ng		99
58) Fluorene	10.445	166	444828	5.615	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.222	232	106421	4.512	ng		98
60) Diethylphthalate	10.316	149	404910	5.249	ng		97
61) 4-Chlorophenyl-phenyle...	10.439	204	237295	5.440	ng		99
62) 4-Nitroaniline	10.457	138	76464	4.527	ng		98
63) Azobenzene	10.598	77	369395	5.499	ng		97
66) n-Nitrosodiphenylamine	10.551	169	375934	5.313	ng		98
67) 4-Bromophenyl-phenylether	10.928	248	150701	4.963	ng		97
68) Hexachlorobenzene	10.992	284	186172	5.152	ng		99
69) Atrazine	11.081	200	97174	5.627	ng		98
70) Pentachlorophenol	11.198	266	57765	3.134	ng		99
71) Phenanthrene	11.410	178	650283	5.672	ng		97
72) Anthracene	11.463	178	642901	5.608	ng		97
73) Carbazole	11.622	167	549466	5.486	ng		98
74) Di-n-butylphthalate	11.945	149	497255	4.797	ng		98
75) Fluoranthene	12.598	202	678999	5.697	ng		98
77) Benzidine	12.739	184	89578	4.455	ng		94
78) Pyrene	12.827	202	694653	5.613	ng		98
80) Butylbenzylphthalate	13.445	149	100529	3.356	ng		98
81) Benzo(a)anthracene	14.016	228	466477	4.942	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	105936	3.769	ng	#	99
83) Chrysene	14.051	228	490666	5.396	ng		98
84) Bis(2-ethylhexyl)phtha...	14.004	149	136919	3.416	ng		99
87) Indeno(1,2,3-cd)pyrene	16.986	276	444005	4.909	ng		99
88) Benzo(b)fluoranthene	15.069	252	320061	4.426	ng		97
89) Benzo(k)fluoranthene	15.098	252	410210m	5.735	ng		
90) Benzo(a)pyrene	15.439	252	318689	4.924	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	359577	4.874	ng		99
92) Benzo(g,h,i)perylene	17.433	276	378842	4.930	ng		97

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

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