Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
Data File : BF142218.D
Acq On : 23 Apr 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Apr 23 14:33:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 23 14:31:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	438372	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	1669466	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	957559	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	1732263	20.000	ng		0.00
76) Chrysene-d12	14.021	240	1312556	20.000	ng		0.00
86) Perylene-d12	15.486	264	922689	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	272463	10.592	ng		0.00
7) Phenol-d6	6.487	99	333674	10.584	ng		0.00
23) Nitrobenzene-d5	7.416	82	282631	10.087	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	123110	9.172	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	696762	11.709	ng		0.00
79) Terphenyl-d14	12.963	244	867252	10.739	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	51716	5.003	ng		98
3) Pyridine	3.404	79	122303	4.944	ng		97
4) n-Nitrosodimethylamine	3.316	42	45406	4.557	ng	#	96
6) Aniline	6.522	93	156622	5.518	ng		97
8) 2-Chlorophenol	6.645	128	147593	5.245	ng		96
9) Benzaldehyde	6.410	77	101875	5.944	ng		95
10) Phenol	6.498	94	172163	5.205	ng		95
11) bis(2-Chloroethyl)ether	6.587	93	126067	5.271	ng		99
12) 1,3-Dichlorobenzene	6.798	146	164105	5.290	ng		99
13) 1,4-Dichlorobenzene	6.875	146	166552	5.292	ng		98
14) 1,2-Dichlorobenzene	7.028	146	158597	5.377	ng		100
15) Benzyl Alcohol	6.998	79	112746	4.900	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	131024	5.509	ng		97
17) 2-Methylphenol	7.110	107	112147	5.235	ng		98
18) Hexachloroethane	7.369	117	57451	5.231	ng		95
19) n-Nitroso-di-n-propyla...	7.257	70	93862	5.371	ng		94
20) 3+4-Methylphenols	7.269	107	143376	5.322	ng		98
22) Acetophenone	7.263	105	210118	5.441	ng		96
24) Nitrobenzene	7.434	77	140960	5.092	ng		98
25) Isophorone	7.675	82	236276	5.143	ng		99
26) 2-Nitrophenol	7.757	139	72226	4.751	ng		98
27) 2,4-Dimethylphenol	7.792	122	84490	4.783	ng		98
28) bis(2-Chloroethoxy)met...	7.886	93	155399	5.244	ng		99
29) 2,4-Dichlorophenol	8.010	162	124681	5.010	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	143247	5.102	ng		97
31) Naphthalene	8.163	128	454189	5.535	ng		97
33) 4-Chloroaniline	8.216	127	151528	5.244	ng		97
34) Hexachlorobutadiene	8.281	225	94552	5.108	ng		97
35) Caprolactam	8.539	113	37020	5.065	ng		93
36) 4-Chloro-3-methylphenol	8.692	107	130514	5.045	ng		97
37) 2-Methylnaphthalene	8.851	142	294128	5.342	ng		99
38) 1-Methylnaphthalene	8.951	142	286372	5.338	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	154744	5.068	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	84726	4.587	ng		96
44) 2,4,5-Trichlorophenol	9.180	196	92926	4.692	ng		98
46) 1,1'-Biphenyl	9.316	154	383475	5.438	ng		97

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47) 2-Chloronaphthalene	9.339	162	285826	5.286	ng	98
48) 2-Nitroaniline	9.433	65	66152	4.727	ng	90
49) Acenaphthylene	9.757	152	427887	5.456	ng	97
50) Dimethylphthalate	9.610	163	337293	5.245	ng	99
51) 2,6-Dinitrotoluene	9.675	165	69559	4.858	ng	98
52) Acenaphthene	9.927	154	276474	4.932	ng	98
53) 3-Nitroaniline	9.845	138	70573	5.036	ng	97
55) Dibenzofuran	10.098	168	436124	5.519	ng	96
57) 2,4-Dinitrotoluene	10.080	165	92469	4.819	ng	99
58) Fluorene	10.439	166	334485	5.399	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	85423	4.754	ng	100
60) Diethylphthalate	10.310	149	327080	5.319	ng	98
61) 4-Chlorophenyl-phenyle...	10.433	204	169769	5.176	ng	98
62) 4-Nitroaniline	10.451	138	65923	4.755	ng	99
63) Azobenzene	10.592	77	284070	5.326	ng	97
66) n-Nitrosodiphenylamine	10.551	169	275412	5.175	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	104633	4.812	ng	98
68) Hexachlorobenzene	10.986	284	127676	4.946	ng	97
69) Atrazine	11.074	200	84126	5.572	ng	99
71) Phenanthrene	11.404	178	495483	5.536	ng	98
72) Anthracene	11.457	178	490751	5.483	ng	97
73) Carbazole	11.616	167	428039	5.507	ng	97
74) Di-n-butylphthalate	11.939	149	491392	5.564	ng	97
75) Fluoranthene	12.592	202	544766	5.841	ng	99
78) Pyrene	12.821	202	557863	5.091	ng	97
80) Butylbenzylphthalate	13.439	149	151340	4.770	ng	98
81) Benzo(a)anthracene	14.010	228	427657	5.148	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	113814	4.496	ng	98
83) Chrysene	14.045	228	392325	5.115	ng	98
84) Bis(2-ethylhexyl)phtha...	13.992	149	161153	4.254	ng	97
87) Indeno(1,2,3-cd)pyrene	16.962	276	326337	4.937	ng	98
88) Benzo(b)fluoranthene	15.057	252	276619	5.180	ng	98
89) Benzo(k)fluoranthene	15.086	252	293128	5.910	ng	97
90) Benzo(a)pyrene	15.421	252	235130	4.989	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	264598	4.888	ng	99
92) Benzo(g,h,i)perylene	17.409	276	279783	4.981	ng	99

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

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