Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141236.D
Acq On : 22 Jan 2025 14:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 22 15:10:23 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	198926	20.000	ng		-0.02
21) Naphthalene-d8	8.092	136	778758	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	418348	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	722478	20.000	ng		-0.01
76) Chrysene-d12	13.986	240	488299	20.000	ng		0.00
86) Perylene-d12	15.462	264	417763	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	972655	75.534	ng		-0.01
7) Phenol-d6	6.440	99	1247749	76.495	ng		0.00
23) Nitrobenzene-d5	7.375	82	1144169	77.881	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	417644	87.615	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	2105319	76.848	ng		-0.01
79) Terphenyl-d14	12.921	244	2378124	72.386	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	207059	36.108	ng		96
3) Pyridine	3.240	79	514634	36.597	ng		97
4) n-Nitrosodimethylamine	3.199	42	254159	36.964	ng		96
6) Aniline	6.469	93	523592	36.155	ng	#	85
8) 2-Chlorophenol	6.592	128	539971	39.084	ng		98
9) Benzaldehyde	6.357	77	415280	43.227	ng		97
10) Phenol	6.457	94	659469	37.768	ng		87
11) bis(2-Chloroethyl)ether	6.545	93	511727	39.325	ng		97
12) 1,3-Dichlorobenzene	6.745	146	598882	38.867	ng		99
13) 1,4-Dichlorobenzene	6.822	146	597601	38.487	ng		99
14) 1,2-Dichlorobenzene	6.981	146	560662	38.709	ng		98
15) Benzyl Alcohol	6.951	79	459537	39.011	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	659702	36.330	ng		96
17) 2-Methylphenol	7.063	107	444449	39.847	ng		99
18) Hexachloroethane	7.322	117	220275	39.229	ng		95
19) n-Nitroso-di-n-propyla...	7.222	70	364346	37.919	ng		98
20) 3+4-Methylphenols	7.216	107	538165	38.244	ng	#	84
22) Acetophenone	7.216	105	704349	38.046	ng	#	94
24) Nitrobenzene	7.392	77	596139	38.935	ng		99
25) Isophorone	7.628	82	978200	38.962	ng		99
26) 2-Nitrophenol	7.704	139	293180	42.094	ng		98
27) 2,4-Dimethylphenol	7.745	122	367668	39.136	ng		99
28) bis(2-Chloroethoxy)met...	7.839	93	616164	39.106	ng		100
29) 2,4-Dichlorophenol	7.945	162	447438	40.101	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	508417	39.864	ng		100
31) Naphthalene	8.110	128	1583021	38.546	ng		100
32) Benzoic acid	7.863	122	385200m	42.743	ng		
33) 4-Chloroaniline	8.163	127	526642	37.080	ng		100
34) Hexachlorobutadiene	8.228	225	313316	40.771	ng		98
35) Caprolactam	8.539	113	146136	40.005	ng		98
36) 4-Chloro-3-methylphenol	8.645	107	488306	40.016	ng		100
37) 2-Methylnaphthalene	8.804	142	1022269	39.062	ng		99
38) 1-Methylnaphthalene	8.904	142	996421	38.633	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	480361	40.005	ng		99
41) Hexachlorocyclopentadiene	8.957	237	165925	42.237	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	320401	39.564	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	358823	41.954	ng	97
46) 1,1'-Biphenyl	9.269	154	1264069	38.908	ng	99
47) 2-Chloronaphthalene	9.292	162	980250	38.738	ng	100
48) 2-Nitroaniline	9.386	65	300506	40.061	ng	99
49) Acenaphthylene	9.710	152	1409353	38.983	ng	99
50) Dimethylphthalate	9.575	163	1121069	39.916	ng	99
51) 2,6-Dinitrotoluene	9.633	165	268252	41.073	ng	99
52) Acenaphthene	9.880	154	1005802	39.821	ng	99
53) 3-Nitroaniline	9.798	138	266174	40.105	ng	98
54) 2,4-Dinitrophenol	9.904	184	144483	46.542	ng	95
55) Dibenzofuran	10.051	168	1351294	39.332	ng	99
56) 4-Nitrophenol	9.957	139	218180	41.975	ng	97
57) 2,4-Dinitrotoluene	10.039	165	354760	42.149	ng	98
58) Fluorene	10.398	166	1047646	39.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	285315	40.133	ng	100
60) Diethylphthalate	10.269	149	1112438	40.573	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	523971	40.277	ng	98
62) 4-Nitroaniline	10.416	138	276140	42.509	ng	99
63) Azobenzene	10.551	77	1055325	39.007	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	199756	47.714	ng	97
66) n-Nitrosodiphenylamine	10.510	169	921219	39.532	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	343548	41.302	ng	98
68) Hexachlorobenzene	10.945	284	387791	41.881	ng	98
69) Atrazine	11.039	200	272718	43.464	ng	99
70) Pentachlorophenol	11.139	266	261437	44.089	ng	100
71) Phenanthrene	11.357	178	1526423	39.353	ng	100
72) Anthracene	11.410	178	1516341	40.205	ng	100
73) Carbazole	11.563	167	1408578	40.731	ng	100
74) Di-n-butylphthalate	11.898	149	1662482	42.007	ng	99
75) Fluoranthene	12.551	202	1639512	42.358	ng	99
77) Benzidine	12.669	184	264608	29.222	ng	99
78) Pyrene	12.780	202	1659965	35.592	ng	100
80) Butylbenzylphthalate	13.398	149	650404	41.827	ng	99
81) Benzo(a)anthracene	13.974	228	1234196	37.139	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	372356	35.189	ng	98
83) Chrysene	14.010	228	1163822	37.429	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	811978	43.520	ng	99
85) Di-n-octyl phthalate	14.604	149	1254051	44.511	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1067413	34.875	ng	98
88) Benzo(b)fluoranthene	15.039	252	1130423	41.963	ng	100
89) Benzo(k)fluoranthene	15.068	252	896932	39.399	ng	99
90) Benzo(a)pyrene	15.404	252	873652	39.308	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	866911	35.020	ng	98
92) Benzo(g,h,i)perylene	17.362	276	907200	35.233	ng	99

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

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