Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140229.D
Acq On : 04 Nov 2024 19:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 05 00:02:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 17:12:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	230981	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	851446	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	492477	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	896517	20.000	ng	0.00
76) Chrysene-d12	14.051	240	556992	20.000	ng	0.00
86) Perylene-d12	15.539	264	508808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1036966	76.071	ng	0.00
7) Phenol-d6	6.504	99	1310282	74.912	ng	0.00
23) Nitrobenzene-d5	7.440	82	1223432	72.691	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	451793	83.203	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2341847	74.327	ng	0.00
79) Terphenyl-d14	12.992	244	2673706	76.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	234666	39.000	ng	94
3) Pyridine	3.434	79	565912	38.290	ng	94
4) n-Nitrosodimethylamine	3.387	42	279995	33.819	ng	88
6) Aniline	6.540	93	590912	38.705	ng	98
8) 2-Chlorophenol	6.663	128	548799	38.194	ng	95
9) Benzaldehyde	6.428	77	410163	36.091	ng	96
10) Phenol	6.516	94	697496	37.494	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	533142	37.277	ng	96
12) 1,3-Dichlorobenzene	6.816	146	648381	38.220	ng	99
13) 1,4-Dichlorobenzene	6.898	146	654178	38.173	ng	99
14) 1,2-Dichlorobenzene	7.051	146	610075	38.093	ng	99
15) Benzyl Alcohol	7.016	79	499035	36.425	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	707374	34.365	ng	98
17) 2-Methylphenol	7.122	107	445730	38.327	ng	97
18) Hexachloroethane	7.393	117	241215	37.807	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	395688	34.647	ng	95
20) 3+4-Methylphenols	7.281	107	553422	36.983	ng	98
22) Acetophenone	7.287	105	759939	36.416	ng	94
24) Nitrobenzene	7.457	77	636879	36.247	ng	99
25) Isophorone	7.698	82	1048005	36.655	ng	98
26) 2-Nitrophenol	7.775	139	283126	41.058	ng	93
27) 2,4-Dimethylphenol	7.804	122	373452	39.543	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	640784	37.197	ng	99
29) 2,4-Dichlorophenol	8.010	162	469947	39.349	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	574723	39.193	ng	100
31) Naphthalene	8.181	128	1634890	38.088	ng	100
32) Benzoic acid	7.922	122	321909	42.868	ng	96
33) 4-Chloroaniline	8.228	127	548773	38.575	ng	97
34) Hexachlorobutadiene	8.298	225	392997	38.619	ng	99
35) Caprolactam	8.604	113	143222	40.414	ng	87
36) 4-Chloro-3-methylphenol	8.704	107	489340	37.623	ng	97
37) 2-Methylnaphthalene	8.869	142	1086247	37.921	ng	100
38) 1-Methylnaphthalene	8.969	142	1056246	37.671	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	590951	38.878	ng	99
41) Hexachlorocyclopentadiene	9.022	237	181304	43.491	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	375956	40.505	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	381992	39.390	ng	97
46) 1,1'-Biphenyl	9.334	154	1352252	37.829	ng	100
47) 2-Chloronaphthalene	9.363	162	1046215	38.573	ng	99
48) 2-Nitroaniline	9.457	65	308495	36.592	ng	92
49) Acenaphthylene	9.781	152	1469488	38.495	ng	100
50) Dimethylphthalate	9.639	163	1165145	38.580	ng	100
51) 2,6-Dinitrotoluene	9.698	165	284796	39.573	ng	91
52) Acenaphthene	9.951	154	1045767	38.434	ng	99
53) 3-Nitroaniline	9.869	138	264774	40.319	ng	96
54) 2,4-Dinitrophenol	9.975	184	128579	39.052	ng	96
55) Dibenzofuran	10.122	168	1455005	37.857	ng	98
56) 4-Nitrophenol	10.022	139	199962	41.151	ng	90
57) 2,4-Dinitrotoluene	10.104	165	376627	39.977	ng	91
58) Fluorene	10.469	166	1156887	37.640	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	335890	41.805	ng	95
60) Diethylphthalate	10.339	149	1171591	38.081	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	605483	38.285	ng	97
62) 4-Nitroaniline	10.486	138	268613	40.235	ng	92
63) Azobenzene	10.616	77	1109120	35.552	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	197088	41.986	ng	94
66) n-Nitrosodiphenylamine	10.581	169	987822	38.253	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	392701	38.896	ng	98
68) Hexachlorobenzene	11.016	284	454292	39.871	ng	97
69) Atrazine	11.104	200	241692	33.455	ng	99
70) Pentachlorophenol	11.210	266	265342	43.729	ng	99
71) Phenanthrene	11.433	178	1652455	37.917	ng	100
72) Anthracene	11.486	178	1608841	37.669	ng	100
73) Carbazole	11.639	167	1450059	37.435	ng	100
74) Di-n-butylphthalate	11.969	149	1717421	37.804	ng	99
75) Fluoranthene	12.622	202	1779204	38.114	ng	100
77) Benzidine	12.745	184	647794	67.047	ng	98
78) Pyrene	12.851	202	1761359	38.506	ng	100
80) Butylbenzylphthalate	13.469	149	635812	39.632	ng	96
81) Benzo(a)anthracene	14.039	228	1443097	39.502	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	455607	41.336	ng	100
83) Chrysene	14.080	228	1255262	37.354	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	868310	38.917	ng	99
85) Di-n-octyl phthalate	14.651	149	1321840	39.950	ng	97
87) Indeno(1,2,3-cd)pyrene	17.045	276	1298511	40.546	ng	100
88) Benzo(b)fluoranthene	15.104	252	1174781	36.605	ng	99
89) Benzo(k)fluoranthene	15.133	252	1158423	40.505	ng	100
90) Benzo(a)pyrene	15.474	252	1011561	39.106	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	1058412	40.580	ng	99
92) Benzo(g,h,i)perylene	17.504	276	1069633	40.164	ng	99

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

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