Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
Data File : BF136417.D
Acq On : 05 Dec 2023 20:53
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Dec 06 09:42:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122531	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	507661	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	269554	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	495127	20.000	ng	0.00
76) Chrysene-d12	13.980	240	288059	20.000	ng	0.00
86) Perylene-d12	15.451	264	246802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	692025	83.408	ng	0.00
7) Phenol-d6	6.445	99	860857	83.161	ng	0.00
23) Nitrobenzene-d5	7.369	82	779093	82.965	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	274865	82.700	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1595284	80.754	ng	0.00
79) Terphenyl-d14	12.922	244	1847667	84.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	136437	41.575	ng	99
3) Pyridine	3.340	79	344185	43.309	ng	99
4) n-Nitrosodimethylamine	3.304	42	144587	41.876	ng	100
6) Aniline	6.469	93	442106	42.260	ng	98
8) 2-Chlorophenol	6.593	128	379428	41.890	ng	99
9) Benzaldehyde	6.357	77	235614	46.836	ng	97
10) Phenol	6.457	94	457301	41.516	ng	100
11) bis(2-Chloroethyl)ether	6.545	93	338096	41.178	ng	100
12) 1,3-Dichlorobenzene	6.745	146	427672	41.985	ng	99
13) 1,4-Dichlorobenzene	6.822	146	427960	41.416	ng	100
14) 1,2-Dichlorobenzene	6.975	146	405521	41.734	ng	98
15) Benzyl Alcohol	6.945	79	288207	41.578	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	437224	41.404	ng	99
17) 2-Methylphenol	7.057	107	305863	41.797	ng	97
18) Hexachloroethane	7.310	117	151739	42.060	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	250725	41.988	ng	99
20) 3+4-Methylphenols	7.210	107	377191	41.527	ng	97
22) Acetophenone	7.216	105	512719	40.900	ng	99
24) Nitrobenzene	7.387	77	391928	41.488	ng	99
25) Isophorone	7.622	82	705639	41.825	ng	99
26) 2-Nitrophenol	7.698	139	200796	43.236	ng	98
27) 2,4-Dimethylphenol	7.739	122	240786	42.047	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	425803	41.073	ng	100
29) 2,4-Dichlorophenol	7.939	162	316823	41.915	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	369471	41.919	ng	98
31) Naphthalene	8.104	128	1147036	40.972	ng	100
32) Benzoic acid	7.869	122	254231	44.752	ng	98
33) 4-Chloroaniline	8.151	127	419376	42.019	ng	98
34) Hexachlorobutadiene	8.216	225	216315	41.411	ng	98
35) Caprolactam	8.534	113	98598	42.358	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	335560	41.811	ng	99
37) 2-Methylnaphthalene	8.792	142	741839	41.652	ng	98
38) 1-Methylnaphthalene	8.892	142	720737	41.239	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	349779	41.709	ng	100
41) Hexachlorocyclopentadiene	8.945	237	135580	43.639	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	227389	41.643	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	256362	42.065	ng	#	93
46) 1,1'-Biphenyl	9.263	154	932808	40.670	ng		100
47) 2-Chloronaphthalene	9.286	162	723762	40.543	ng		99
48) 2-Nitroaniline	9.381	65	202779	42.352	ng		97
49) Acenaphthylene	9.698	152	1042344	40.988	ng		99
50) Dimethylphthalate	9.569	163	809915	40.811	ng		100
51) 2,6-Dinitrotoluene	9.628	165	183008	40.990	ng		98
52) Acenaphthene	9.875	154	663585	40.721	ng		98
53) 3-Nitroaniline	9.798	138	189000	41.455	ng		100
54) 2,4-Dinitrophenol	9.904	184	100081	44.336	ng		98
55) Dibenzofuran	10.045	168	966638	40.604	ng		99
56) 4-Nitrophenol	9.957	139	147347	43.112	ng		96
57) 2,4-Dinitrotoluene	10.033	165	239019	40.469	ng		96
58) Fluorene	10.386	166	768990	40.240	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	204726	41.937	ng		99
60) Diethylphthalate	10.263	149	799016	40.944	ng		98
61) 4-Chlorophenyl-phenyle...	10.380	204	374222	40.170	ng		99
62) 4-Nitroaniline	10.416	138	190008	41.972	ng		96
63) Azobenzene	10.545	77	726889	40.923	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	141174	46.039	ng		95
66) n-Nitrosodiphenylamine	10.504	169	661664	41.647	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	243522	42.303	ng		99
68) Hexachlorobenzene	10.933	284	282496	42.459	ng		99
69) Atrazine	11.033	200	178443	39.352	ng		97
70) Pentachlorophenol	11.133	266	163809	43.624	ng		99
71) Phenanthrene	11.351	178	1122755	41.256	ng		100
72) Anthracene	11.404	178	1142648	41.686	ng		99
73) Carbazole	11.563	167	1013072	41.758	ng		100
74) Di-n-butylphthalate	11.898	149	1269350	42.680	ng		100
75) Fluoranthene	12.545	202	1171811	41.088	ng		99
77) Benzidine	12.669	184	260706	39.825	ng		99
78) Pyrene	12.774	202	1184986	42.004	ng		99
80) Butylbenzylphthalate	13.398	149	444346	44.246	ng		89
81) Benzo(a)anthracene	13.968	228	822550	40.994	ng		100
82) 3,3'-Dichlorobenzidine	13.933	252	242165	43.045	ng		98
83) Chrysene	14.004	228	812657	41.165	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	553812	44.983	ng		99
85) Di-n-octyl phthalate	14.580	149	844415	46.434	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	744249	43.407	ng		100
88) Benzo(b)fluoranthene	15.021	252	667921	39.582	ng		99
89) Benzo(k)fluoranthene	15.051	252	656887	41.307	ng		100
90) Benzo(a)pyrene	15.392	252	571474	41.008	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	602918	42.923	ng		99
92) Benzo(g,h,i)perylene	17.421	276	625761	43.403	ng		100

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

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