Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
Data File : BF138734.D
Acq On : 01 Aug 2024 20:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 02 04:03:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	96984	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	379512	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	190081	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	256852	20.000	ng	0.00
76) Chrysene-d12	14.010	240	170986	20.000	ng	0.00
86) Perylene-d12	15.474	264	195127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	477478	75.998	ng	0.00
7) Phenol-d6	6.492	99	646440	76.635	ng	0.00
23) Nitrobenzene-d5	7.416	82	623859	80.370	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	110070	70.693	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1044523	82.564	ng	0.00
79) Terphenyl-d14	12.951	244	662312	64.853	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	103294	37.553	ng	99
3) Pyridine	3.340	79	250807	37.641	ng	96
4) n-Nitrosodimethylamine	3.304	42	152333	38.386	ng	99
6) Aniline	6.516	93	273292	36.329	ng	90
8) 2-Chlorophenol	6.639	128	260960	39.479	ng	98
9) Benzaldehyde	6.398	77	192213	38.013	ng	99
10) Phenol	6.504	94	333422	37.542	ng	92
11) bis(2-Chloroethyl)ether	6.587	93	261224	38.222	ng	100
12) 1,3-Dichlorobenzene	6.787	146	285442	38.577	ng	99
13) 1,4-Dichlorobenzene	6.863	146	293470	39.301	ng	100
14) 1,2-Dichlorobenzene	7.022	146	272049	38.983	ng	99
15) Benzyl Alcohol	6.992	79	245531	40.386	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	444155	37.762	ng	86
17) 2-Methylphenol	7.110	107	209699	38.418	ng	95
18) Hexachloroethane	7.357	117	111905	39.812	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	200694	39.392	ng	95
20) 3+4-Methylphenols	7.263	107	266501	38.054	ng	94
22) Acetophenone	7.263	105	369551	39.769	ng	99
24) Nitrobenzene	7.434	77	313376	39.674	ng	99
25) Isophorone	7.675	82	537865	40.580	ng	99
26) 2-Nitrophenol	7.745	139	140819	41.438	ng	98
27) 2,4-Dimethylphenol	7.786	122	163533	40.220	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	327962	40.631	ng	99
29) 2,4-Dichlorophenol	7.992	162	208784	39.961	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	238945	39.630	ng	98
31) Naphthalene	8.151	128	784524	39.273	ng	100
32) Benzoic acid	7.928	122	128074	40.071	ng	99
33) 4-Chloroaniline	8.204	127	225708	33.660	ng	100
34) Hexachlorobutadiene	8.263	225	151924	41.600	ng	99
35) Caprolactam	8.586	113	62872	40.329	ng	98
36) 4-Chloro-3-methylphenol	8.686	107	230728	38.641	ng	99
37) 2-Methylnaphthalene	8.839	142	487956	38.677	ng	99
38) 1-Methylnaphthalene	8.939	142	475564	38.468	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	221288	41.909	ng	98
41) Hexachlorocyclopentadiene	8.986	237	45200	36.491	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	134641	41.822	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	142647	40.530	ng	99
46) 1,1'-Biphenyl	9.304	154	614409	41.272	ng	100
47) 2-Chloronaphthalene	9.333	162	449406	40.590	ng	99
48) 2-Nitroaniline	9.428	65	149841	39.921	ng	98
49) Acenaphthylene	9.745	152	616146	39.237	ng	100
50) Dimethylphthalate	9.604	163	519065	42.707	ng	99
51) 2,6-Dinitrotoluene	9.675	165	113484	41.373	ng	99
52) Acenaphthene	9.916	154	409260	38.771	ng	99
53) 3-Nitroaniline	9.839	138	107500	37.911	ng	96
54) 2,4-Dinitrophenol	9.951	184	46070	36.486	ng	92
55) Dibenzofuran	10.086	168	569667	38.231	ng	99
56) 4-Nitrophenol	10.010	139	58095	34.070	ng	99
57) 2,4-Dinitrotoluene	10.075	165	135349	38.676	ng	96
58) Fluorene	10.433	166	440066	37.086	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	98879	36.748	ng	96
60) Diethylphthalate	10.304	149	481802	41.808	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	225880	38.705	ng	99
62) 4-Nitroaniline	10.457	138	98470	36.542	ng	99
63) Azobenzene	10.580	77	477911	37.391	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	64659	41.262	ng	99
66) n-Nitrosodiphenylamine	10.545	169	367358	45.756	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	122175	43.934	ng	97
68) Hexachlorobenzene	10.980	284	118002	41.097	ng	95
69) Atrazine	11.069	200	85908	41.473	ng	99
70) Pentachlorophenol	11.174	266	50938	39.358	ng	99
71) Phenanthrene	11.392	178	520487	39.354	ng	100
72) Anthracene	11.445	178	516126	39.613	ng	100
73) Carbazole	11.604	167	442640	39.377	ng	100
74) Di-n-butylphthalate	11.927	149	623226	49.319	ng	100
75) Fluoranthene	12.580	202	477918	38.707	ng	99
77) Benzidine	12.704	184	129395	31.639	ng	99
78) Pyrene	12.810	202	488597	30.350	ng	99
80) Butylbenzylphthalate	13.421	149	222635	43.186	ng	98
81) Benzo(a)anthracene	13.998	228	451721	38.364	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	132692	44.038	ng	98
83) Chrysene	14.033	228	428072	40.297	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	337738	44.739	ng	98
85) Di-n-octyl phthalate	14.592	149	601046	43.033	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	410610	29.364	ng	99
88) Benzo(b)fluoranthene	15.045	252	505171	41.764	ng	99
89) Benzo(k)fluoranthene	15.074	252	418819	39.991	ng	99
90) Benzo(a)pyrene	15.409	252	403029	39.612	ng	100
91) Dibenzo(a,h)anthracene	16.956	278	340936	29.702	ng	99
92) Benzo(g,h,i)perylene	17.386	276	319327	26.808	ng	99

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

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