Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019582.D
Acq On : 06 Feb 2024 19:50
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 07 01:08:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	134290	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	521314	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	334768	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	779532	20.000	ng	0.00
76) Chrysene-d12	21.392	240	855433	20.000	ng	0.00
86) Perylene-d12	23.810	264	1015722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	613432	73.632	ng	0.00
7) Phenol-d6	7.081	99	875920	77.975	ng	0.00
23) Nitrobenzene-d5	9.081	82	931570	77.432	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	424722	86.893	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	2072771	76.543	ng	0.00
79) Terphenyl-d14	19.863	244	3937359	75.695	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	118189	36.822	ng	100
3) Pyridine	3.781	79	295249	33.928	ng	98
4) n-Nitrosodimethylamine	3.705	42	157827	41.657	ng	100
6) Aniline	7.246	93	423585	38.807	ng	99
8) 2-Chlorophenol	7.475	128	333247	38.961	ng	98
9) Benzaldehyde	7.058	77	274107	34.804	ng	99
10) Phenol	7.111	94	433218	38.694	ng	98
11) bis(2-Chloroethyl)ether	7.352	93	348694	40.032	ng	99
12) 1,3-Dichlorobenzene	7.793	146	404762	38.674	ng	97
13) 1,4-Dichlorobenzene	7.946	146	410955	38.757	ng	99
14) 1,2-Dichlorobenzene	8.258	146	401252	39.111	ng	99
15) Benzyl Alcohol	8.158	79	350191	39.016	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	345408	39.655	ng	99
17) 2-Methylphenol	8.358	107	294294	39.043	ng	99
18) Hexachloroethane	8.981	117	162712	39.589	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	295296	38.486	ng	99
20) 3+4-Methylphenols	8.693	107	405739	39.442	ng	98
22) Acetophenone	8.740	105	569416	38.341	ng	99
24) Nitrobenzene	9.122	77	471628	38.935	ng	99
25) Isophorone	9.646	82	799800	38.172	ng	100
26) 2-Nitrophenol	9.828	139	186301	40.336	ng	98
27) 2,4-Dimethylphenol	9.887	122	222590	37.689	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	455052	38.386	ng	98
29) 2,4-Dichlorophenol	10.358	162	346271	38.786	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	429543	39.240	ng	98
31) Naphthalene	10.757	128	1105338	38.659	ng	99
32) Benzoic acid	10.052	122	236689	41.134	ng	99
33) 4-Chloroaniline	10.881	127	407366	38.526	ng	99
34) Hexachlorobutadiene	11.034	225	327868	40.419	ng	99
35) Caprolactam	11.681	113	103246	40.851	ng	94
36) 4-Chloro-3-methylphenol	11.999	107	384106	39.458	ng	99
37) 2-Methylnaphthalene	12.369	142	765811	38.703	ng	99
38) 1-Methylnaphthalene	12.587	142	751395	38.643	ng	98
40) 1,2,4,5-Tetrachloroben...	12.728	216	499910	38.720	ng	99
41) Hexachlorocyclopentadiene	12.704	237	221051	37.900	ng	97
43) 2,4,6-Trichlorophenol	12.975	196	305291	39.051	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	339295	39.524	ng	99
46) 1,1'-Biphenyl	13.381	154	1019475	38.156	ng	99
47) 2-Chloronaphthalene	13.422	162	833406	37.997	ng	99
48) 2-Nitroaniline	13.634	65	251421	40.995	ng	99
49) Acenaphthylene	14.269	152	1190618	38.692	ng	100
50) Dimethylphthalate	14.016	163	1024910	39.993	ng	99
51) 2,6-Dinitrotoluene	14.134	165	234219	41.598	ng	99
52) Acenaphthene	14.604	154	744774	38.997	ng	99
53) 3-Nitroaniline	14.463	138	215012	41.552	ng	93
54) 2,4-Dinitrophenol	14.663	184	136056	46.540	ng	98
55) Dibenzofuran	14.945	168	1227151	39.451	ng	99
56) 4-Nitrophenol	14.763	139	187058	44.105	ng	97
57) 2,4-Dinitrotoluene	14.922	165	328755	44.556	ng	98
58) Fluorene	15.593	166	999759	40.354	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	304179	42.126	ng	99
60) Diethylphthalate	15.381	149	1063885	41.736	ng	100
61) 4-Chlorophenyl-phenyle...	15.593	204	569455	40.895	ng	97
62) 4-Nitroaniline	15.628	138	238707	44.011	ng	97
63) Azobenzene	15.887	77	989710	40.151	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	196892	44.296	ng	95
66) n-Nitrosodiphenylamine	15.810	169	856345	36.680	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	339628	34.851	ng	98
68) Hexachlorobenzene	16.587	284	431571	37.923	ng	98
69) Atrazine	16.775	200	236195	30.488	ng	98
70) Pentachlorophenol	16.940	266	296635	41.857	ng	98
71) Phenanthrene	17.340	178	1578886	38.487	ng	99
72) Anthracene	17.434	178	1587806	38.799	ng	100
73) Carbazole	17.710	167	1485027	39.944	ng	99
74) Di-n-butylphthalate	18.269	149	1812185	40.314	ng	100
75) Fluoranthene	19.304	202	2130117	42.504	ng	100
77) Benzidine	19.498	184	495195	27.689	ng	99
78) Pyrene	19.657	202	2193945	36.340	ng	100
80) Butylbenzylphthalate	20.551	149	859705	38.131	ng	99
81) Benzo(a)anthracene	21.375	228	2341324	38.882	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	814609	37.124	ng	99
83) Chrysene	21.428	228	2191285	38.329	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	1292475	37.647	ng	99
85) Di-n-octyl phthalate	22.263	149	2265001	37.497	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	2936393	37.767	ng	99
88) Benzo(b)fluoranthene	23.074	252	2562319	40.026	ng	99
89) Benzo(k)fluoranthene	23.122	252	2378263	38.892	ng	99
90) Benzo(a)pyrene	23.704	252	2245955	39.431	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	2430376	38.007	ng	99
92) Benzo(g,h,i)perylene	27.121	276	2438409	37.587	ng	99

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

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