Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
Data File : BG059084.D
Acq On : 18 Sep 2023 12:28
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Sep 19 02:06:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 01:57:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	34874	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	168933	20.000	ng	0.00
39) Acenaphthene-d10	14.934	164	109870	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	232076	20.000	ng	0.00
76) Chrysene-d12	22.002	240	198481	20.000	ng	0.00
86) Perylene-d12	25.556	264	232337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	181924	81.497	ng	0.00
7) Phenol-d6	7.419	99	272759	82.213	ng	0.00
23) Nitrobenzene-d5	9.499	82	258785	81.928	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	100450	79.474	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	577922	78.540	ng	0.00
79) Terphenyl-d14	20.257	244	867478	82.225	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.653	88	39811	36.560	ng	100
3) Pyridine	4.064	79	121686	39.075	ng	100
4) n-Nitrosodimethylamine	3.993	42	63550	40.790	ng	100
6) Aniline	7.624	93	173851	40.671	ng	100
8) 2-Chlorophenol	7.848	128	101362	40.064	ng	100
9) Benzaldehyde	7.448	77	75065	41.744	ng	100
10) Phenol	7.442	94	134732	41.520	ng	100
11) bis(2-Chloroethyl)ether	7.718	93	105219	40.859	ng	100
12) 1,3-Dichlorobenzene	8.183	146	104018	40.374	ng	100
13) 1,4-Dichlorobenzene	8.341	146	106569	41.311	ng	100
14) 1,2-Dichlorobenzene	8.659	146	100283	39.975	ng	100
15) Benzyl Alcohol	8.541	79	95476	40.212	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.811	45	213692	41.197	ng	100
17) 2-Methylphenol	8.723	107	100538	39.923	ng	100
18) Hexachloroethane	9.387	117	37207	41.063	ng	100
19) n-Nitroso-di-n-propyla...	9.111	70	85117	40.050	ng	100
20) 3+4-Methylphenols	9.052	107	140512	41.228	ng	100
22) Acetophenone	9.140	105	171380	39.393	ng	100
24) Nitrobenzene	9.546	77	121952	40.162	ng	100
25) Isophorone	10.051	82	260356	40.653	ng	100
26) 2-Nitrophenol	10.251	139	57341	40.952	ng	100
27) 2,4-Dimethylphenol	10.268	122	108093	40.680	ng	100
28) bis(2-Chloroethoxy)met...	10.533	93	144601	39.792	ng	100
29) 2,4-Dichlorophenol	10.768	162	101049	40.920	ng	100
30) 1,2,4-Trichlorobenzene	10.991	180	97029	40.649	ng	100
31) Naphthalene	11.197	128	348517	40.354	ng	100
32) Benzoic acid	10.380	122	74545	38.660	ng	100
33) 4-Chloroaniline	11.308	127	152363	39.343	ng	100
34) Hexachlorobutadiene	11.426	225	56675	39.229	ng	100
35) Caprolactam	12.102	113	37365	38.492	ng	100
36) 4-Chloro-3-methylphenol	12.384	107	114074	39.671	ng	100
37) 2-Methylnaphthalene	12.777	142	243361	39.693	ng	100
38) 1-Methylnaphthalene	12.995	142	226248	39.177	ng	100
40) 1,2,4,5-Tetrachloroben...	13.118	216	108689	39.425	ng	100
41) Hexachlorocyclopentadiene	13.071	237	60269	40.046	ng	100
43) 2,4,6-Trichlorophenol	13.359	196	80360	39.855	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.429	196	94460	39.469	ng	100
46) 1,1'-Biphenyl	13.770	154	302704	38.980	ng	100
47) 2-Chloronaphthalene	13.823	162	241860	40.068	ng	100
48) 2-Nitroaniline	14.035	65	88140	40.209	ng	100
49) Acenaphthylene	14.663	152	395254	39.590	ng	100
50) Dimethylphthalate	14.375	163	330999	39.074	ng	100
51) 2,6-Dinitrotoluene	14.516	165	66753	39.097	ng	100
52) Acenaphthene	14.998	154	230492	40.577	ng	100
53) 3-Nitroaniline	14.857	138	80464	40.042	ng	100
54) 2,4-Dinitrophenol	15.045	184	37413	39.539	ng	100
55) Dibenzofuran	15.327	168	397599	40.355	ng	100
56) 4-Nitrophenol	15.116	139	62082	39.796	ng	100
57) 2,4-Dinitrotoluene	15.292	165	95359	41.415	ng	100
58) Fluorene	15.974	166	323905	39.978	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.533	232	80476	40.608	ng	100
60) Diethylphthalate	15.721	149	331888	39.398	ng	100
61) 4-Chlorophenyl-phenyle...	15.956	204	149015	40.663	ng	100
62) 4-Nitroaniline	16.015	138	79044	39.067	ng	100
63) Azobenzene	16.250	77	326314	39.358	ng	100
65) 4,6-Dinitro-2-methylph...	16.038	198	55371	41.240	ng	100
66) n-Nitrosodiphenylamine	16.179	169	279509	40.588	ng	100
67) 4-Bromophenyl-phenylether	16.855	248	88776	39.464	ng	100
68) Hexachlorobenzene	16.943	284	91206	39.186	ng	100
69) Atrazine	17.107	200	82770	37.320	ng	100
70) Pentachlorophenol	17.295	266	72401	40.205	ng	100
71) Phenanthrene	17.724	178	485027	39.413	ng	100
72) Anthracene	17.813	178	510816	40.388	ng	100
73) Carbazole	18.089	167	471479	39.314	ng	100
74) Di-n-butylphthalate	18.600	149	582538	39.633	ng	100
75) Fluoranthene	19.716	202	575065	39.724	ng	100
77) Benzidine	19.904	184	164137	39.060	ng	100
78) Pyrene	20.080	202	583027	41.629	ng	100
80) Butylbenzylphthalate	20.938	149	236279	40.713	ng	100
81) Benzo(a)anthracene	21.984	228	545533	40.537	ng	100
82) 3,3'-Dichlorobenzidine	21.896	252	200909	41.429	ng	100
83) Chrysene	22.055	228	521029	40.393	ng	100
84) Bis(2-ethylhexyl)phtha...	21.814	149	354453	40.164	ng	100
85) Di-n-octyl phthalate	23.142	149	617364	41.242	ng	100
87) Indeno(1,2,3-cd)pyrene	29.669	276	607721	40.540	ng	100
88) Benzo(b)fluoranthene	24.405	252	541279	40.273	ng	100
89) Benzo(k)fluoranthene	24.481	252	559081	40.484	ng	100
90) Benzo(a)pyrene	25.386	252	534828	40.534	ng	100
91) Dibenzo(a,h)anthracene	29.763	278	505050	41.608	ng	100
92) Benzo(g,h,i)perylene	30.974	276	499218	40.218	ng	100

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

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