Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
Data File : BG058694.D
Acq On : 11 Aug 2023 8:22
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 11 11:40:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	48396	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	204479	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	147369	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	346834	20.000	ng	0.00
76) Chrysene-d12	21.449	240	300666	20.000	ng	0.00
86) Perylene-d12	24.522	264	384821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	235690	74.436	ng	0.00
7) Phenol-d6	6.983	99	349650	79.360	ng	0.00
23) Nitrobenzene-d5	8.975	82	322170	77.400	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	174936	72.423	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	718684	73.083	ng	0.00
79) Terphenyl-d14	19.827	244	1233484	77.149	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	55278	36.028	ng	98
3) Pyridine	3.664	79	156643	37.447	ng	92
4) n-Nitrosodimethylamine	3.582	42	69003	38.932	ng	97
6) Aniline	7.136	93	218473	40.275	ng	99
8) 2-Chlorophenol	7.377	128	121657	39.165	ng	98
9) Benzaldehyde	6.954	77	86552	36.158	ng	96
10) Phenol	7.007	94	170740	39.671	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	131066	38.628	ng	96
12) 1,3-Dichlorobenzene	7.700	146	122328	36.880	ng	98
13) 1,4-Dichlorobenzene	7.847	146	123918	37.208	ng	98
14) 1,2-Dichlorobenzene	8.164	146	119081	37.398	ng	98
15) Benzyl Alcohol	8.053	79	124773	44.656	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.335	45	217675	39.494	ng	99
17) 2-Methylphenol	8.258	107	125588	39.909	ng	98
18) Hexachloroethane	8.887	117	45449	37.545	ng	96
19) n-Nitroso-di-n-propyla...	8.617	70	114517	40.239	ng	99
20) 3+4-Methylphenols	8.587	107	172607	40.550	ng	98
22) Acetophenone	8.634	105	211975	38.716	ng	98
24) Nitrobenzene	9.016	77	162609	38.427	ng	94
25) Isophorone	9.539	82	332698	38.685	ng	99
26) 2-Nitrophenol	9.727	139	70076	38.043	ng	98
27) 2,4-Dimethylphenol	9.792	122	119529	39.120	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	182690	39.034	ng	100
29) 2,4-Dichlorophenol	10.268	162	123781	39.018	ng	96
30) 1,2,4-Trichlorobenzene	10.479	180	136048	37.186	ng	99
31) Naphthalene	10.661	128	408372	37.892	ng	100
32) Benzoic acid	9.951	122	62818	28.934	ng	98
33) 4-Chloroaniline	10.779	127	188509	41.399	ng	99
34) Hexachlorobutadiene	10.943	225	85864	36.443	ng	97
35) Caprolactam	11.560	113	46417	39.622	ng	99
36) 4-Chloro-3-methylphenol	11.907	107	153008	38.989	ng	97
37) 2-Methylnaphthalene	12.277	142	296294	38.434	ng	100
38) 1-Methylnaphthalene	12.495	142	278453	37.998	ng	100
40) 1,2,4,5-Tetrachloroben...	12.647	216	163867	36.219	ng	98
41) Hexachlorocyclopentadiene	12.624	237	75101	39.507	ng	99
43) 2,4,6-Trichlorophenol	12.894	196	112391	36.116	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	130936	35.722	ng	99
46) 1,1'-Biphenyl	13.294	154	372385	36.795	ng	99
47) 2-Chloronaphthalene	13.335	162	291474	36.937	ng	99
48) 2-Nitroaniline	13.546	65	118549	39.359	ng	97
49) Acenaphthylene	14.181	152	490605	37.135	ng	99
50) Dimethylphthalate	13.916	163	415751	37.564	ng	100
51) 2,6-Dinitrotoluene	14.046	165	92181	37.958	ng	97
52) Acenaphthene	14.528	154	282525	37.010	ng	98
53) 3-Nitroaniline	14.375	138	94253	38.793	ng	97
54) 2,4-Dinitrophenol	14.592	184	40181	34.090	ng	96
55) Dibenzofuran	14.857	168	485844	37.038	ng	99
56) 4-Nitrophenol	14.692	139	62390	36.539	ng	95
57) 2,4-Dinitrotoluene	14.833	165	131162	38.958	ng	95
58) Fluorene	15.509	166	387116	37.149	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	112724	36.040	ng	98
60) Diethylphthalate	15.280	149	427396	37.905	ng	99
61) 4-Chlorophenyl-phenyle...	15.503	204	215323	37.063	ng	97
62) 4-Nitroaniline	15.544	138	94901	41.232	ng	95
63) Azobenzene	15.797	77	416789	37.529	ng	98
65) 4,6-Dinitro-2-methylph...	15.603	198	75749	39.609	ng	98
66) n-Nitrosodiphenylamine	15.720	169	350269	38.802	ng	98
67) 4-Bromophenyl-phenylether	16.396	248	147952	37.610	ng	99
68) Hexachlorobenzene	16.513	284	154089	36.965	ng	98
69) Atrazine	16.666	200	115996	38.065	ng	99
70) Pentachlorophenol	16.860	266	94297	37.373	ng	98
71) Phenanthrene	17.248	178	627864	38.172	ng	100
72) Anthracene	17.336	178	648173	38.405	ng	99
73) Carbazole	17.612	167	587123	39.449	ng	99
74) Di-n-butylphthalate	18.164	149	730660	39.195	ng	100
75) Fluoranthene	19.263	202	772467	39.096	ng	99
77) Benzidine	19.451	184	226460	49.670	ng	98
78) Pyrene	19.627	202	788768	38.548	ng	99
80) Butylbenzylphthalate	20.515	149	328273	39.057	ng	97
81) Benzo(a)anthracene	21.431	228	802229	38.771	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	280313	40.068	ng	99
83) Chrysene	21.496	228	771024	38.864	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	478567	38.964	ng	99
85) Di-n-octyl phthalate	22.483	149	845206	39.141	ng	99
87) Indeno(1,2,3-cd)pyrene	28.023	276	994670	38.853	ng	100
88) Benzo(b)fluoranthene	23.546	252	828208	39.681	ng	99
89) Benzo(k)fluoranthene	23.611	252	809204	38.593	ng	100
90) Benzo(a)pyrene	24.375	252	799441	39.002	ng	99
91) Dibenzo(a,h)anthracene	28.076	278	826459	39.042	ng	99
92) Benzo(g,h,i)perylene	29.116	276	819625	38.613	ng	100

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

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