Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
Data File : BG057735.D
Acq On : 16 Jun 2023 15:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 17 03:55:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:28:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	38878	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	174698	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	124321	20.000	ng		0.00
64) Phenanthrene-d10	17.312	188	296708	20.000	ng		0.00
76) Chrysene-d12	21.572	240	240643	20.000	ng		0.00
86) Perylene-d12	24.733	264	309528	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	193059	80.857	ng		0.00
7) Phenol-d6	7.089	99	297953	81.230	ng		0.00
23) Nitrobenzene-d5	9.098	82	253789	89.301	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	137313	99.000	ng		0.00
45) 2-Fluorobiphenyl	13.194	172	638956	76.611	ng		0.00
79) Terphenyl-d14	19.933	244	987261	75.851	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	42087	34.623	ng		91
3) Pyridine	3.805	79	131760	38.290	ng		89
4) n-Nitrosodimethylamine	3.722	42	59110	35.220	ng	#	85
6) Aniline	7.259	93	186672	38.789	ng		99
8) 2-Chlorophenol	7.494	128	97499	42.590	ng		96
9) Benzaldehyde	7.071	77	84532	37.389	ng		98
10) Phenol	7.118	94	144809	40.402	ng		97
11) bis(2-Chloroethyl)ether	7.353	93	112310	39.979	ng		95
12) 1,3-Dichlorobenzene	7.823	146	100770	38.053	ng		100
13) 1,4-Dichlorobenzene	7.970	146	101277	38.574	ng		99
14) 1,2-Dichlorobenzene	8.287	146	98802	38.730	ng		98
15) Benzyl Alcohol	8.170	79	113207	40.298	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	221011	36.131	ng		98
17) 2-Methylphenol	8.370	107	106098	40.227	ng		97
18) Hexachloroethane	9.016	117	36213	44.632	ng		92
19) n-Nitroso-di-n-propyla...	8.740	70	104734	39.489	ng		96
20) 3+4-Methylphenols	8.699	107	149985	41.590	ng		94
22) Acetophenone	8.758	105	189265	37.292	ng		96
24) Nitrobenzene	9.139	77	132120	42.590	ng		97
25) Isophorone	9.662	82	306247	37.821	ng		99
26) 2-Nitrophenol	9.850	139	45312	55.340	ng	#	86
27) 2,4-Dimethylphenol	9.903	122	108202	40.018	ng		98
28) bis(2-Chloroethoxy)met...	10.144	93	164619	39.108	ng		97
29) 2,4-Dichlorophenol	10.379	162	105891	46.168	ng		99
30) 1,2,4-Trichlorobenzene	10.602	180	116925	39.222	ng		99
31) Naphthalene	10.790	128	358801	38.215	ng		99
32) Benzoic acid	10.038	122	77130	72.998	ng		97
33) 4-Chloroaniline	10.896	127	168908	38.640	ng		95
34) Hexachlorobutadiene	11.072	225	70928	37.835	ng		98
35) Caprolactam	11.678	113	42184	44.584	ng	#	91
36) 4-Chloro-3-methylphenol	12.013	107	138394	42.591	ng		100
37) 2-Methylnaphthalene	12.394	142	263213	37.893	ng		96
38) 1-Methylnaphthalene	12.618	142	249256	38.250	ng		100
40) 1,2,4,5-Tetrachloroben...	12.765	216	135186	38.413	ng		99
41) Hexachlorocyclopentadiene	12.747	237	74342	55.385	ng		94
43) 2,4,6-Trichlorophenol	13.000	196	99177	43.853	ng		98

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44) 2,4,5-Trichlorophenol	13.070	196	117329	43.868	ng		95
46) 1,1'-Biphenyl	13.405	154	334609	38.955	ng		98
47) 2-Chloronaphthalene	13.446	162	257701	39.694	ng		97
48) 2-Nitroaniline	13.646	65	91161	50.987	ng		98
49) Acenaphthylene	14.292	152	437504	38.859	ng		98
50) Dimethylphthalate	14.028	163	372491	40.864	ng		100
51) 2,6-Dinitrotoluene	14.145	165	69619	51.128	ng		86
52) Acenaphthene	14.639	154	271549	40.236	ng		98
53) 3-Nitroaniline	14.474	138	76600	48.788	ng	#	94
54) 2,4-Dinitrophenol	14.668	184	29525	62.206	ng		100
55) Dibenzofuran	14.968	168	435729	38.464	ng		99
56) 4-Nitrophenol	14.768	139	63965	51.369	ng		91
57) 2,4-Dinitrotoluene	14.927	165	95258	53.072	ng		96
58) Fluorene	15.614	166	340681	37.752	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.191	232	99159	44.443	ng		99
60) Diethylphthalate	15.391	149	386028	41.025	ng		99
61) 4-Chlorophenyl-phenyle...	15.608	204	187680	38.820	ng		99
62) 4-Nitroaniline	15.638	138	79516	46.163	ng		92
63) Azobenzene	15.902	77	388806	38.429	ng		98
65) 4,6-Dinitro-2-methylph...	15.691	198	46800	61.112	ng		87
66) n-Nitrosodiphenylamine	15.826	169	307488	39.644	ng		100
67) 4-Bromophenyl-phenylether	16.501	248	123358	40.831	ng		99
68) Hexachlorobenzene	16.613	284	126702	40.129	ng		98
69) Atrazine	16.772	200	109191	42.313	ng		99
70) Pentachlorophenol	16.960	266	96144	50.721	ng		98
71) Phenanthrene	17.359	178	548670	37.895	ng		99
72) Anthracene	17.447	178	566060	38.593	ng		99
73) Carbazole	17.718	167	518946	38.204	ng		98
74) Di-n-butylphthalate	18.282	149	658720	43.750	ng		98
75) Fluoranthene	19.369	202	657486	37.696	ng		99
77) Benzidine	19.545	184	305654	53.280	ng		97
78) Pyrene	19.727	202	671500	39.219	ng		100
80) Butylbenzylphthalate	20.620	149	279666	45.146	ng		100
81) Benzo(a)anthracene	21.548	228	640146	38.519	ng		99
82) 3,3'-Dichlorobenzidine	21.472	252	229403	42.379	ng		99
83) Chrysene	21.619	228	615688	38.928	ng		99
84) Bis(2-ethylhexyl)phtha...	21.472	149	400460	47.474	ng		99
85) Di-n-octyl phthalate	22.665	149	718939	49.428	ng		97
87) Indeno(1,2,3-cd)pyrene	28.335	276	768520	38.373	ng		99
88) Benzo(b)fluoranthene	23.728	252	645630	38.449	ng		99
89) Benzo(k)fluoranthene	23.799	252	637071	36.581	ng		98
90) Benzo(a)pyrene	24.586	252	628949	38.095	ng		98
91) Dibenzo(a,h)anthracene	28.399	278	638007	38.550	ng		97
92) Benzo(g,h,i)perylene	29.469	276	637868	38.614	ng		99

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

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