Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055602.D
Acq On : 14 Nov 2022 11:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 14 15:54:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.267	152	41848	20.000	ng		0.00
21) Naphthalene-d8	11.099	136	180067	20.000	ng		0.00
39) Acenaphthene-d10	14.895	164	133757	20.000	ng		0.00
64) Phenanthrene-d10	17.633	188	319360	20.000	ng		0.00
76) Chrysene-d12	21.933	240	280222	20.000	ng		0.00
86) Perylene-d12	25.359	264	304396	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.788	112	176422	80.299	ng		0.00
7) Phenol-d6	7.403	99	244975	80.720	ng		0.00
23) Nitrobenzene-d5	9.436	82	259012	97.513	ng		0.00
42) 2,4,6-Tribromophenol	16.369	330	144527	110.742	ng		0.00
45) 2-Fluorobiphenyl	13.520	172	688093	77.597	ng		0.00
79) Terphenyl-d14	20.218	244	1132249	81.157	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.625	88	36473	32.683	ng		94
3) Pyridine	4.043	79	118125	38.070	ng		97
4) n-Nitrosodimethylamine	3.949	42	65782	38.950	ng		94
6) Aniline	7.580	93	159371	39.535	ng		98
8) 2-Chlorophenol	7.826	128	103095	41.914	ng		96
9) Benzaldehyde	7.392	77	78140	32.634	ng		98
10) Phenol	7.427	94	137341	39.310	ng		99
11) bis(2-Chloroethyl)ether	7.668	93	106295	37.789	ng		97
12) 1,3-Dichlorobenzene	8.155	146	120267	39.142	ng		100
13) 1,4-Dichlorobenzene	8.302	146	121841	39.183	ng		96
14) 1,2-Dichlorobenzene	8.625	146	117110	39.658	ng		98
15) Benzyl Alcohol	8.496	79	107962	40.794	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.790	45	204613	37.857	ng		99
17) 2-Methylphenol	8.696	107	101042	41.098	ng		98
18) Hexachloroethane	9.366	117	42476	41.146	ng		94
19) n-Nitroso-di-n-propyla...	9.072	70	100980	40.261	ng		99
20) 3+4-Methylphenols	9.025	107	142356	41.562	ng		94
22) Acetophenone	9.090	105	182268	38.051	ng	#	100
24) Nitrobenzene	9.483	77	135981	44.499	ng		98
25) Isophorone	10.006	82	267105	39.361	ng		99
26) 2-Nitrophenol	10.200	139	58099	57.149	ng		89
27) 2,4-Dimethylphenol	10.241	122	98151	40.454	ng		97
28) bis(2-Chloroethoxy)met...	10.482	93	138182	37.767	ng		98
29) 2,4-Dichlorophenol	10.735	162	119481	44.811	ng		99
30) 1,2,4-Trichlorobenzene	10.958	180	134442	40.253	ng		98
31) Naphthalene	11.152	128	378566	38.886	ng		99
32) Benzoic acid	10.365	122	77227	50.997	ng		98
33) 4-Chloroaniline	11.246	127	164384	40.396	ng		98
34) Hexachlorobutadiene	11.428	225	92486	41.519	ng		96
35) Caprolactam	12.021	113	42640	46.911	ng		95
36) 4-Chloro-3-methylphenol	12.345	107	134155	42.684	ng		99
37) 2-Methylnaphthalene	12.738	142	291148	39.804	ng		99
38) 1-Methylnaphthalene	12.956	142	283970	39.689	ng		97
40) 1,2,4,5-Tetrachloroben...	13.097	216	161519	40.425	ng		99
41) Hexachlorocyclopentadiene	13.073	237	84849	49.605	ng		97
43) 2,4,6-Trichlorophenol	13.326	196	113488	48.307	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.402	196	124682	46.359	ng		99
46) 1,1'-Biphenyl	13.731	154	375533	38.376	ng		99
47) 2-Chloronaphthalene	13.778	162	294693	38.990	ng		98
48) 2-Nitroaniline	13.966	65	94075	48.296	ng		98
49) Acenaphthylene	14.618	152	488343	39.049	ng		99
50) Dimethylphthalate	14.330	163	415149	40.846	ng		99
51) 2,6-Dinitrotoluene	14.454	165	81730	45.893	ng		99
52) Acenaphthene	14.959	154	314679	40.306	ng		99
53) 3-Nitroaniline	14.783	138	93224	43.703	ng	#	98
54) 2,4-Dinitrophenol	14.989	184	43117	68.229	ng	#	78
55) Dibenzofuran	15.288	168	489060	39.182	ng		99
56) 4-Nitrophenol	15.077	139	72668	48.284	ng		98
57) 2,4-Dinitrotoluene	15.241	165	114011	48.287	ng		96
58) Fluorene	15.934	166	390288	39.303	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.506	232	118412	47.501	ng		97
60) Diethylphthalate	15.688	149	421772	40.792	ng		99
61) 4-Chlorophenyl-phenyle...	15.917	204	211989	40.135	ng		100
62) 4-Nitroaniline	15.946	138	96753	48.015	ng		99
63) Azobenzene	16.211	77	373645	37.282	ng		98
65) 4,6-Dinitro-2-methylph...	15.999	198	63401	57.618	ng		99
66) n-Nitrosodiphenylamine	16.128	169	349939	39.114	ng		98
67) 4-Bromophenyl-phenylether	16.810	248	142223	43.654	ng		99
68) Hexachlorobenzene	16.933	284	156337	40.363	ng		97
69) Atrazine	17.068	200	130702	40.368	ng		98
70) Pentachlorophenol	17.274	266	97691	46.037	ng		98
71) Phenanthrene	17.674	178	664148	38.695	ng		99
72) Anthracene	17.768	178	658588	39.154	ng		99
73) Carbazole	18.032	167	577274	37.975	ng		99
74) Di-n-butylphthalate	18.573	149	703587	40.368	ng		100
75) Fluoranthene	19.671	202	763566	37.306	ng		99
77) Benzidine	19.836	184	210252	27.734	ng		99
78) Pyrene	20.030	202	771039	40.656	ng		99
80) Butylbenzylphthalate	20.899	149	290770	40.798	ng		99
81) Benzo(a)anthracene	21.916	228	755222	39.346	ng		100
82) 3,3'-Dichlorobenzidine	21.816	252	258699	41.298	ng		99
83) Chrysene	21.986	228	717829	39.330	ng		99
84) Bis(2-ethylhexyl)phtha...	21.792	149	416332	43.497	ng		99
85) Di-n-octyl phthalate	23.079	149	720751	43.575	ng		100
87) Indeno(1,2,3-cd)pyrene	29.319	276	895553	38.628	ng		99
88) Benzo(b)fluoranthene	24.266	252	733730	38.043	ng		99
89) Benzo(k)fluoranthene	24.342	252	754099	38.245	ng		99
90) Benzo(a)pyrene	25.194	252	636501	38.312	ng		99
91) Dibenzo(a,h)anthracene	29.383	278	746563	38.901	ng		98
92) Benzo(g,h,i)perylene	30.559	276	724171	38.601	ng		98

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

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